# **FY10** Defense Environmental Programs Annual Report to Congress

**Final Report** 

**July 2011** 



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# ACQUISITION, TECHNOLOGY AND LOGISTICS

# THE UNDER SECRETARY OF DEFENSE

#### 3010 DEFENSE PENTAGON WASHINGTON, DC 20301-3010

JUL 2 1 2011

The Honorable Joseph R. Biden, Jr. President of the Senate United States Senate Washington, DC 20510

Dear Mr. President:

Pursuant to title 10, U.S.C., section 2706, and to title 42, U.S.C., sections 9620(e)(5) and 9621(c), the Department of Defense is pleased to present the FY 2010 Defense Environmental Programs Annual Report to Congress. The document provides a comprehensive review of DoD's budget trends and environmental performance. The Department made significant progress in achieving environmental program goals in FY 2010, as detailed in the enclosed Executive Summary.

My staff will post the report on the Defense Environmental Network and Information eXchange at <a href="http://www.denix.osd.mil/arc/ARCFY2010.cfm">http://www.denix.osd.mil/arc/ARCFY2010.cfm</a>. We appreciate the continued support of Congress for our environmental programs.

A similar letter has been sent to the Speaker of the House and the appropriate congressional committees.

Sincerely,

Ashton B. Carter 20, 7/21/11

Enclosure: As stated



## THE UNDER SECRETARY OF DEFENSE

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JIII 2 1 2011

The Honorable John A. Boehner Speaker of the House U.S. House of Representatives Washington, DC 20515

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# **Executive Summary**

Each year, the Department of Defense (DoD) submits an annual report to Congress on its Defense Environmental Programs. The Report describes DoD's Conservation, Compliance, Pollution Prevention, and Restoration Programs' accomplishments during the past year. Through these programs, DoD works to protect human health, sustain the resources it holds in the public trust, meet its environmental requirements, and support the military mission.

This is the Fiscal Year (FY) 2010 Defense Environmental Programs Annual Report to Congress (DEP ARC). It outlines how DoD used Congressional funding to meet its environmental program goals in FY10. The FY10 DEP ARC provides a comprehensive review of the Department's environmental programs and illustrates its budget trends from FY06 to FY12. In FY10, DoD obligated approximately \$4.5 billion in resources for environmental activities. This report fulfills multiple statutory requirements, including 10 United States Code §2706.

The FY10 DEP ARC includes these chapters and significant FY10 achievements:

- Defense Environmental Funding: DoD successfully fulfills its environmental responsibilities through effective program management and appropriate funding. In FY10, DoD obligated approximately \$4.5 billion for its environmental programs. This is six percent higher than the previous year.
- Natural Resources: DoD's Natural Resources Program
  provided over \$161 million to develop and implement
  Integrated Natural Resource Management Plans (INRMPs).
   The percentage of installations with complete INRMPs
  increased from 74 percent in FY09 to 78 percent in FY10.
- Cultural Resources: More than 20,000 National
  Register-listed and eligible properties and over 100,000
  archaeological sites exist on DoD lands. The percentage
  of installations with completed Integrated Cultural
  Resource Management Plans increased from 81 percent
  in FY09 to 87 percent in FY10.
- Compliance: DoD's Compliance Program received \$1.5 billion in FY10. It provided safe drinking water to 97 percent of DoD's population in the first half of calendar year (CY) 2010 and increased compliant water pollution control permits from 92 percent in FY09 to 93 percent in the first half of CY10. DoD also decreased total fines and penalties assessed by 85 percent in FY10.
- Pollution Prevention: DoD's Pollution Prevention
  Program received \$91.2 million in FY10. The Program
  diverted 43 percent of non-hazardous municipal solid
  waste and saved \$180.9 million using integrated solid
  waste management practices in FY10. It also reduced
  hazardous waste disposal by over 6,300 tons in CY09.
- Restoration: In FY10, DoD invested \$1.6 billion at active installations and Formerly Used Defense Sites. It also invested \$666.7 million at Base Realignment and Closure (BRAC) installations to correct environmental

damage. In FY10, the Restoration Program achieved remedy in place / response complete status at 86 percent of its Installation Restoration Program (IRP) sites on active installations and at 87 percent of IRP sites on Legacy BRAC and BRAC 2005 installations.

The Program also achieved its goal by completing site inspections at 97 percent of munitions response sites on active installations by FY10.

To view the FY10 report online or to access other editions of the DEP ARC, please visit: http://www.denix.osd.mil/arc

# **1** Defense Environmental Funding

The Department of Defense (DoD) funds its environmental programs through effective planning, programming, budgeting, and execution processes that allocate financial resources where they are needed. These budget and review processes ensure that the DoD Components—Army, Navy, Marine Corps, Air Force, and the Defense agencies—identify and request adequate funding to meet their mission, legal, and regulatory environmental requirements.

The DoD Components build their Environmental Restoration budgets from the site level, but they develop their Natural and Cultural Resources, Compliance, and Pollution Prevention budgets from the installation level. These site- and installation-level estimates form the basis of the environmental budget, which is included in the overall Defense budget the President submits to Congress.

Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

# Defense Environmental Funding at a Glance

Fiscal Year (FY) 2010 Funding: **\$4.5 billion** obligated

# **FY10 Funding Highlights:**

- % Increased by \$251.9 million between FY09 and FY10
- Estimated \$4.2 billion for environmental programs in FY11
- % Requested \$4.2 billion for environmental programs in FY12

# **Program Summary**

Here is how the Department of Defense (DoD) obligated approximately \$4.5 billion among the following six environmental programs in FY10 (Figure 1-1):

- \$437.4 million for Natural and Cultural Resources
- \$1.5 billion for Compliance
- \$91.2 million for Pollution Prevention
- \$1.6 billion for Environmental Restoration (ER) at active installations and Formerly Used Defense Site (FUDS) properties
- \$666.7 million for environmental activities at Base Realignment and Closure (BRAC) installations
- \$255.8 million for Environmental Technology

Although all of DoD's environmental programs work toward the same goal—maintaining readiness while protecting human health and the environment—each program has a unique focus and different funding needs. Despite annual funding fluctuations within the different program areas, the Department's level of investment remains stable.

This report shows funding for both nonrecurring (i.e., onetime projects) and recurring activities. Recurring activities include routine tasks that an installation conducts in support of its environmental programs such as:

- Manpower
- · Education and training
- · Permits and fees
- · Sampling, analysis, and monitoring
- Travel and supplies
- · Data management and reporting
- Waste disposal
- Updates to environmental management plans

# Funding Appropriations for Environmental Programs

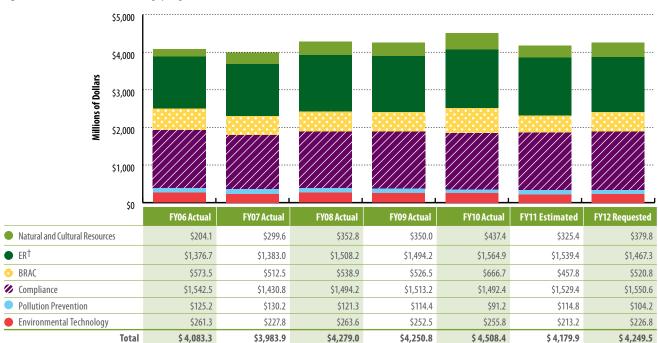
DoD funds its various environmental programs from eight funding appropriations (Figure 1-2):

- BRAC
- ER
- Defense Working Capital Fund (DWCF)
- Military Construction (MilCon)
- Operations and Maintenance (O&M)
- Procurement (PROC)
- Research, Development, Testing, and Evaluation (RDT&E)
- Other DoD Appropriations

Most funding for DoD's Natural and Cultural Resources, Compliance, and Pollution Prevention Programs comes from the O&M appropriations in the DoD Appropriations Act. DoD also uses funds obtained through the MilCon, Military Quality of Life, and Veteran's Affairs Appropriations Acts to build necessary facilities like wastewater treatment plants. Other notable DoD Appropriations Act funding includes PROC, RDT&E, and the DWCF.

Special programs also provide funding for natural resources management through the sale of forest products, the lease of land for agriculture and grazing, and the sale of licenses for hunting, fishing, and trapping.

The Compliance Program (and to a lesser degree, the Natural and Cultural Resources and Pollution Prevention



DoD Environmental Funding by Program Area\* Figure 1-1

Figure 1-2 DoD Environmental Funding by Appropriation (Includes Environmental Technology)\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

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<sup>†</sup> Includes funding for FUDS properties.

<sup>†</sup> Includes funding for FUDS properties.

Programs) includes funding for environmental activities at overseas installations. This funding includes activities such as those required to comply with existing treaties, laws, and other agreements (i.e., Final Governing Standards). DoD also funds activities within the Defense Environmental Restoration Program through the ER and BRAC accounts. The ER accounts also fund cleanup activities at active installations and FUDS properties within the United States and its territories. Separate BRAC appropriations fund cleanup activities at closing installations and address closure-related environmental cleanup, planning, and compliance activities. The Department funds restoration activities outside the United States through the Compliance Program.

# **Natural and Cultural Resources**

During FY10, DoD invested:

- \$437.4 million for natural and cultural resources
- **\$87.4 million** more compared to FY09

DoD conserves, protects, and restores natural and cultural resources located on and near its installations, which also

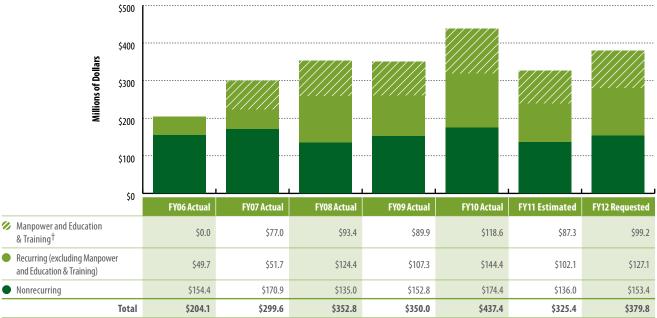
enhances and protects the military's mission. Recurring funds for the Natural and Cultural Resources Programs finance continuous management activities, such as:

- Preparing, implementing, and updating integrated natural and cultural resources management plans
- Coordinating with conservation regulatory agencies
- Monitoring threatened, endangered, and at-risk species
- · Continuing protection of archaeological sites
- Controlling invasive species
- Ongoing erosion control measures
- Completing surveys, inventories, and monitoring requirements

Nonrecurring activities are divided into two subcategories: natural resources, and historical and cultural resources. Examples of nonrecurring natural resources activities include:

- Consultation activities under the Endangered Species Act
- Mitigation for specific actions
- · Habitat restoration or creation
- · Volunteer and partnering programs
- · Wetlands protection
- Projects identified in Integrated Natural Resources Management Plans

**Figure 1-3** DoD Natural and Cultural Resources Recurring and Nonrecurring Funding\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

 $<sup>\</sup>dagger \quad \text{Prior to FY07, DoD reported all Manpower and Education \& Training funds under the Compliance Program}.$ 

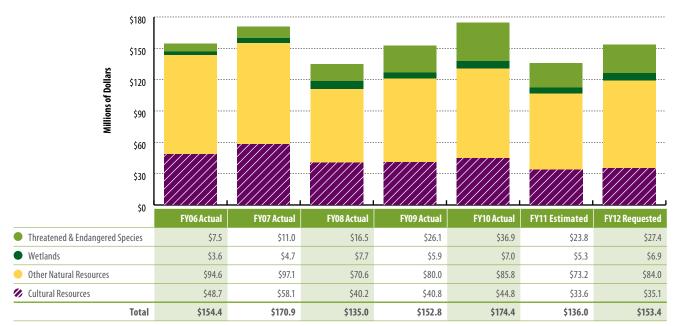


Figure 1-4 DoD Natural and Cultural Resources Nonrecurring Funding\*

Examples of nonrecurring cultural resources are:

- Baseline inventories of historic buildings
- · Initial archaeological materials curation
- · Consultations with Native American groups
- Projects identified in Integrated Cultural Resources
   Management Plans

The DoD Components obligated \$437.4 million for natural and cultural resources in FY10, \$87.4 million more than FY09 (Figure 1-3). More than 39 percent of these funds was for nonrecurring, one-time projects. The funding growth that occurred between FY09 and FY10 was mostly due to additional Army recurring activities. However, funding decreased in FY11 because of a reduction in Army activities. DoD Components have requested \$379.8 million for FY12 due to an increase in Army recurring efforts and overall increases at the Department of the Navy and the Readiness and Environmental Protection Initiative (REPI) Program.

DoD budgeted \$36.9 million in FY10 funding to protect and manage threatened and endangered species in compliance with the Endangered Species Act (Figure 1-4).

Chapters 2 and 3 describe the Department's performance within the Natural and Cultural Resources Programs, respectively. Appendix D, Section 1 contains Natural and Cultural Resources funding data by DoD Component.

# **Compliance**

During FY10, DoD invested:

- \$1.5 billion for compliance activities
- \$20.8 million less compared to FY09

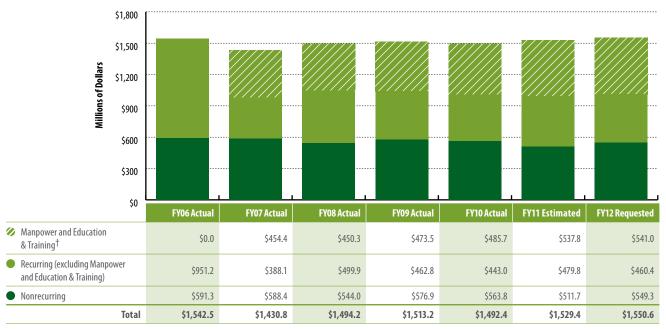
DoD uses these resources to fund recurring and nonrecurring compliance activities. The Department must perform recurring activities because they are essential for DoD to comply with federal, state and local environmental laws and regulations.

Recurring compliance activities include:

- Sampling and analysis of discharges to air and water
- Maintaining permits for regulated environmental activities
- Disposing of regulated wastes
- Maintaining and submitting required environmental plans and reports
- · Conducting environmental self-assessments and audits

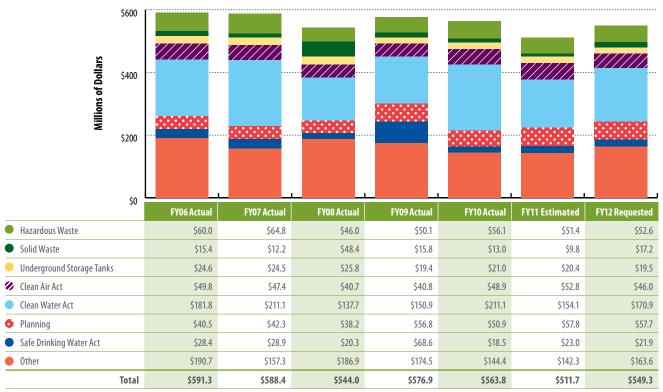
<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

**Figure 1-5** DoD Compliance Recurring and Nonrecurring Funding\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

**Figure 1-6** DoD Compliance Nonrecurring Funding\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

 $<sup>\</sup>dagger \quad \text{Beginning in FY07, DoD reported Manpower and Education \& Training funds under the appropriate program areas}.$ 

DoD also uses these resources to fund nonrecurring compliance activities such as projects to upgrade wastewater treatment facilities or to install air pollution controls to meet existing standards.

DoD obligated \$1.5 billion for the Compliance Program in FY10 (Figure 1-5), consistent with previous years. In FY10, Defense Logistics Agency military construction projects at Point Loma Annex and Jacksonville International Airport contributed to a \$60.2 million net increase in CWA funding (Figure 1-6). However, the Department decreased nonrecurring funds for other compliance activities (e.g., radon and asbestos investigations and mitigation, spill response plans, action to prevent pollution from ships, and addressing munitions constituents on operational ranges). In FY08, DoD increased solid waste funding for Marine Corps military construction projects—like the landfills at Camp Lejeune and Twentynine Palms. Also, Safe Drinking Water Act funding more than tripled in FY09 because of a military construction project at Camp Pendleton.

Chapter 4 describes DoD's performance within the Compliance Program. Appendix D, Section 1 contains Compliance funding data for each DoD Component.

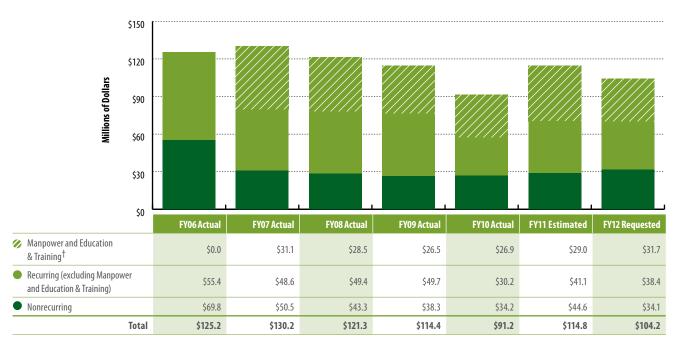
## **Pollution Prevention**

Durina FY10. DoD invested:

- \$91.2 million for pollution prevention activities
- \$23.1 million less compared to FY09

DoD employs pollution prevention efforts to both minimize health and safety risks to its personnel and the residents of nearby communities, and to reduce its operating and compliance costs. The Pollution Prevention Program also enhances the military's operating capacity by minimizing the infrastructure required to manage hazardous materials used in support of the Department's mission. As a result, DoD's pollution prevention investments have the potential to reduce costs Department-wide.

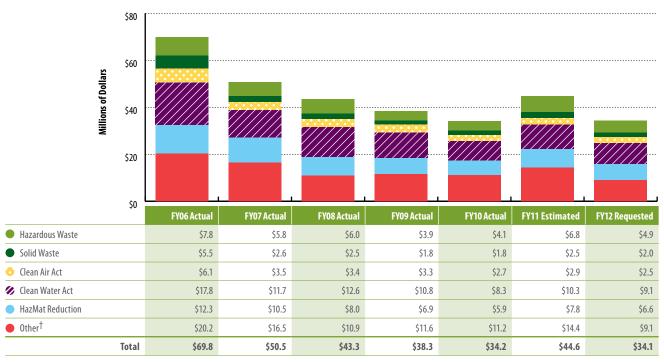
Figure 1-7 DoD Pollution Prevention Recurring and Nonrecurring Funding\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

Figure 1-8 DoD Pollution Prevention Nonrecurring Funding\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

Recurring pollution prevention investments include:

- Manpower
- · Education and Training
- Supplies
- Travel
- Data Management
- Toxics Release Inventory
- Other reporting activities

Hazardous material reduction and CWA requirements are the priorities within the nonrecurring budget. These nonrecurring projects are significant drivers in reducing compliance costs. Other nonrecurring activities may include efforts to prepare and implement an acquisition strategy for alternative-fuel vehicles (excluding vehicle purchases or leases) and to convert regular vehicles to use alternative fuels.

DoD obligated \$91.2 million for the Pollution Prevention Program in FY10 (Figure 1-7), a 20 percent decrease from the previous year. This decrease is due to fewer Army, Navy, and Air Force recurring requirements. The FY11 funding estimate increased to \$114.8 million primarily because of an influx in Army and Navy recurring and Air Force recurring and nonrecurring activities.

The funding request of \$104.2 million for FY12 will continue to support efforts that target hazardous materials, solid waste, toxic releases, air emissions, and water pollution at the source. These activities are part of DoD's overall sustainability strategy, recognizing that significant cost savings and beneficial environmental outcomes can result from such endeavors.

Chapter 5 describes the Department's performance within the Pollution Prevention Program. Appendix D, Section 1 contains Pollution Prevention funding data by DoD Component.

<sup>†</sup> Includes Safe Drinking Water Act.

# Restoration

During FY10, DoD invested:

- **\$1.6 billion** in ER funding for environmental restoration activities at active installations and FUDS properties
- **\$666.7 million** for environmental activities at closing installations under BRAC

Of the \$2.2 billion obligated for restoration activities, \$1.6 billion funded cleanup of hazardous substances and pollutants or contaminants from past DoD activities through the Installation Restoration Program (IRP). The Military Munitions Response Program (MMRP) funded \$460.2 million for the cleanup of unexploded and discarded munitions. The remaining obligations funded planning and compliance activities at BRAC installations.

### **ER Account Funding**

The ER accounts fund environmental restoration activities at active installations and FUDS properties. In FY10, \$1.6 billion was obligated for ER activities.

DoD continues to invest a significant portion of ER funding in cleaning up its remaining sites. The amount of ER

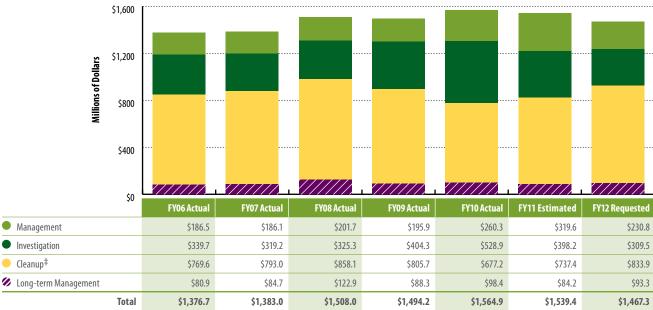
funding dedicated to cleanup increased from \$677.2 million in FY10 to \$737.4 million in FY11 and increases to \$833.9 million in FY12 (Figure 1-9).

DoD addresses both the IRP and the MMRP in the Defense Environmental Restoration Program. As shown in Figure 1-10, funding for these two programs remains relatively stable.

Of the \$1.6 billion obligated for ER activities in FY10, \$1.1 billion funded restoration activities under the IRP. The remaining \$416.0 million funded restoration under the MMRP (Figure 1-10). New requirements for addressing emerging contaminants (e.g., perchlorate, naphthalene, and 1, 4-dioxane) also drive investments in cleanup. DoD will continue to modify its plans and programs to address these challenges and adjust total cleanup cost-to-complete estimates accordingly.

Chapter 6 describes the Department's performance within the Restoration Program. Appendix D, Section 1 contains ER funding data by DoD Component.

**Figure 1-9** DoD ER Funding by Cleanup Phase\*†



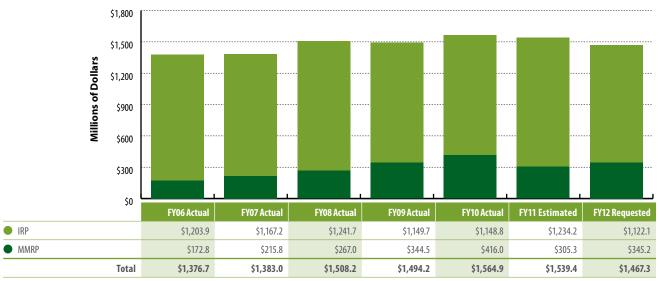
<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

 $<sup>\</sup>dagger \quad \text{Includes funding for FUDS properties}.$ 

 $<sup>\</sup>ddagger \quad Includes \ funding \ for \ Building \ Demolition/Debris \ Removal \ (BD/DR) \ sites.$ 

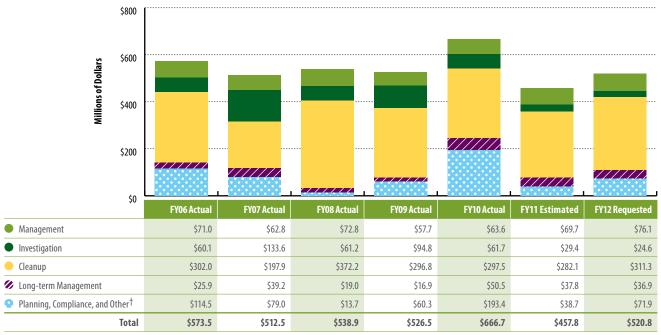
#### **Chapter 1: Defense Environmental Funding**

Figure 1-10 DoD ER IRP<sup>†</sup> and MMRP Funding<sup>‡</sup>\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

**Figure 1-11** DoD BRAC Restoration Funding by Cleanup Phase\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

<sup>†</sup> Includes funding for BD/DR sites.

<sup>‡</sup> Includes funding for FUDS properties.

<sup>†</sup> Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds funding for planning and compliance activities.

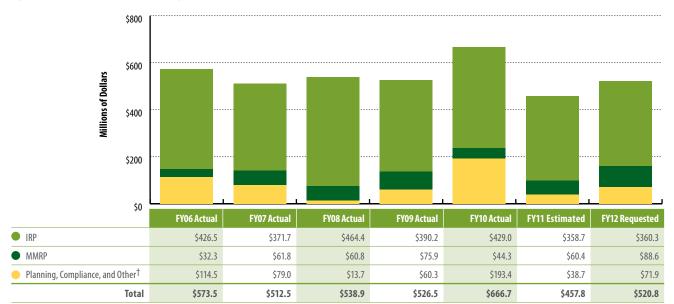


Figure 1-12 DoD BRAC IRP and MMRP Funding

# **BRAC Environmental Funding**

The BRAC accounts provide funding for restoration, closure-related compliance, and planning activities at closing military installations in the United States and its territories. Unlike other appropriations, Congress provides BRAC funding according to BRAC rounds. As such, funding remains available until expended; BRAC funds do not expire. Revenue gained from the sale of property at closing installations can be used to fund cleanup requirements.

The FY10 funding of BRAC environmental activities totaled \$666.7 million (Figures 1-11 and 1-12). However, DoD estimates \$457.8 million in funding for FY11 and requests \$520.8 million for FY12. Of the \$666.7 million obligated for BRAC activities in FY10, \$429.0 million funded restoration activities under the IRP and \$44.3 million funded restoration under the MMRP (Figure 1-12). The remaining obligations funded planning and compliance activities. DoD funding for environmental activities at closing installations increased by 25 percent in FY10 because of an increase in Army Legacy BRAC and Army BRAC 2005 funding.

Chapter 6 describes DoD's performance within the Restoration Program. Appendix D, Section 1 contains BRAC funding data by DoD Component.

# **Environmental Technology**

During FY10, DoD invested:

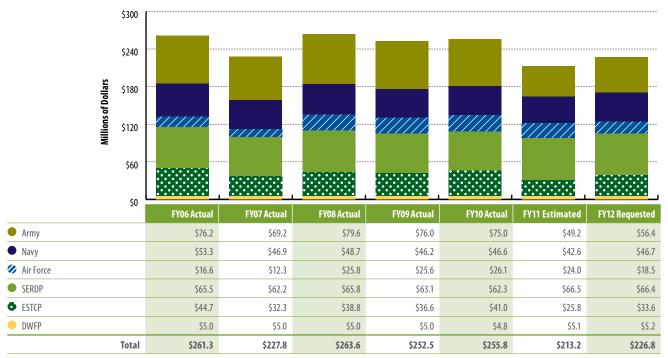
- **\$255.8 million** for environmental technology
- **\$62.3 million** for the Strategic Environmental Research and Development Program (SERDP) and \$41.0 million for the Environmental Security Technology Certification Program (ESTCP)

The Office of the Secretary of Defense (OSD) administers SERDP and ESTCP. DoD's environmental technology programs provide new and improved methods, equipment, materials, and protocols to meet military readiness needs. For example, these programs produced increased efficiency in paint application and metal plating, resulting in less hazardous waste and lower associated treatment costs. The DoD Environmental Technology Annual Report to Congress covers this area in more detail, fulfilling Congressional reporting

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<sup>†</sup> Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds funding for planning and compliance activities.

Figure 1-13 DoD Environmental Technology Funding\*



<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

requirements. Environmental technology is only included in this section of the report to ensure completeness of the environmental budget discussion.

SERDP and ESTCP focus on the highest priority environmental technology needs that apply to more than one DoD Component and help avoid duplication among the Components. A portion of environmental technology funding is also invested in Defense Warfighter Protection (DWFP). DoD obligated \$255.8 million in environmental technology in FY10 (Figure 1-13). The Department estimates \$213.2 million for these activities in FY11 and requests \$226.8 million in FY12. The increase in funding from FY11 to FY12 is primarily due to an increase in Army and ESTCP funding.

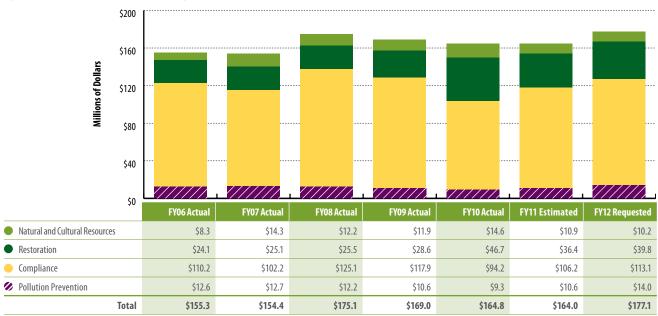
# **Overseas Environmental Activities**

During FY10, DoD invested:

- **\$164.8 million** for environmental activities at overseas installations
- **63 percent** more funding for Restoration cleanup at overseas locations than in FY09

DoD complies with the environmental requirements of international agreements, country-specific Final Governing Standards, DoD 4715.05-G "Overseas Environmental Baseline Guidance Document," and DoD Instruction 4715.8 "Environmental Remediation for DoD Activities Overseas." Investments in overseas environmental programs are necessary to continue the use of, and access to, the infrastructure and natural resources needed to meet the military mission. Although overseas environmental funding is included in the Natural and Cultural Resources, Compliance, and Pollution Prevention funding charts, it is also displayed separately in Figure 1-14. Funding for cleanup activities abroad is included in the overseas compliance activities budget.

Appendix D, Section 1 contains overseas funding data by DoD Component.



DoD Overseas Environmental Funding\* Figure 1-14

# Miscellaneous Environmental **Programs**

During FY10, DoD invested:

- **\$50.3 million** for the Readiness and Environmental Protection Initiative (REPI) Program
- \$12.2 million for the Native American Lands Environmental Mitigation Program (NALEMP)
- \$6.8 million for the Legacy Resource Management Program
- **\$9.3 million** for the Defense Environmental International Cooperation (DEIC) Program
- \$1.1 million for the Emerging Contaminants Program

OSD administers several miscellaneous environmental programs to support the military mission while protecting human health and the environment.

• The REPI Program protects installations and ranges from encroachment by working with surrounding communities and organizations to secure buffer lands and habitats.

- DoD developed NALEMP to gather, document, and mitigate environmental impacts on American Indian and Alaska Native lands in response to a Congressional mandate.
- The Legacy Resource Management Program, also required by Congress, attempts to balance the use of DoD lands for military testing and training with the need to protect natural and cultural resources.
- The DEIC Program serves as a forum to:
  - Share environmental information across national boundaries
  - Counter the proliferation of weapons of mass destruction
  - Partner to maintain access to resources for training and readiness
  - Promote regional cooperation
  - Foster a global military environmental ethic
  - Improve interagency processes, focus, and integration
- The Emerging Contaminants Program tracks and analyzes changes to environmental standards for hazardous substances that have the potential to impact DoD military operations and environmental activities.

<sup>\*</sup> Due to rounding, subtotals may not equal fiscal year totals.

Figure 1-15 DoD Miscellaneous Environmental Programs Funding



Funding for these miscellaneous environmental programs is included in the Natural and Cultural Resources,
Compliance, and Pollution Prevention funding charts;
however, it is also displayed separately in Figure 1-15.

# **2** Natural Resources

The Department of Defense manages about 29 million acres of land across the United States. These lands are rich in natural resources and encompass a wide variety of habitat types (e.g., wetlands, grasslands, semi-arid scrublands, and forests). These and other high quality habitats host a wide array of threatened, endangered, and at-risk species. They also provide valuable ecosystem services and ensure a strong foundation for realistic and sustainable military training and testing.

#### **Natural Resources at a Glance**

#### Program Accomplishments:

- Provided over **\$161 million** to develop and implement Integrated Natural Resource Management Plans (INRMPs) in fiscal year (FY) 2010
- Increased the percentage of installations with completed INRMPs from 74 percent in FY09 to **78 percent** in FY10

# Requirements

These regulatory requirements provide the framework necessary for the Department of Defense (DoD) to manage its natural resources:

- Bald and Golden Eagle Protection Act of 1940
- Endangered Species Act of 1973
- · Magnuson-Stevens Fishery Conservation and Management Act, as amended
- · Migratory Bird Treaty Act of 1918
- National Defense Authorization Act for Fiscal Year 2004 §318
- National Environmental Policy Act of 1969
- · Sikes Act, as amended
- Executive Order (E.O.) 13112, "Invasive Species"
- E.O. 13186, "Responsibilities of Federal Agencies to Protect Migratory Birds"
- E.O. 13514, "Federal Leadership in Environment, Energy, and Economic Performance"
- DoD Instruction 4715.03, "Natural Resources Conservation Program"

# **Program Summary**

DoD's conservation goal is to ensure continued access to realistic habitat conditions to support the military's combat readiness mission, while simultaneously working to maintain the long-term sustainability of our nation's priceless natural heritage. The Department is responsible for the lands, waters, and airspace under its control. DoD

also manages and protects about 430 federally-listed species and over 520 at-risk species. Through the implementation of its Natural Resources Program, DoD manages and protects its lands by:

- · Fulfilling and advocating for priorities established by the Secretary of Defense
- Overseeing the DoD Components' natural resources program expenditures
- · Developing policy and guidance
- · Providing tools and training to natural resources managers
- Participating in partnership-based conservation efforts
- Promoting public awareness

# **Integrated Natural Resource** Management Plans (INRMPs)

INRMPs are comprehensive plans that help commanders manage installation natural resources to support the military's mission and comply with applicable laws and regulations. INMRPs must reflect mutual agreement between the installation, the U.S. Fish and Wildlife Service (USFWS), and state fish and wildlife agency. INRMPs must also conserve, protect, and manage plant and animal resources. At the same time, each INRMP must ensure that installation resources support the military's testing and training mission.

#### A basic INRMP includes:

- A description of the installation, its history, and its current mission
- · Management goals and associated timeframes
- Projects to be implemented and estimated costs
- A discussion of how the military mission and training requirements are supported while protecting the environment
- · Natural resources' biological needs and legal requirements
- The role of the installation's natural resources in the context of the surrounding ecosystem
- Input from the USFWS, state fish and wildlife agency, and the general public

# **Evaluation Criteria**

Each installation requiring an INRMP is rated on a "red-yellow-green" basis for these seven focus areas:

- INRMP Impact on Installation Mission
- INRMP Implementation
- Partnership/Cooperation and Effectiveness
- Team Adequacy
- Status of Federally-Listed Species and Critical Habitat
- Ecosystem Integrity
- Fish and Wildlife Management and Public Use

DoD is revising the evaluation criteria for these data areas. It will take a minimum of three years of data collection to fully refine measurement criteria and identify trends or forecast future performance.

For more information on the Natural Resources Program, please go to: http://www.denix.osd.mil/nr

# **Performance Summary**

DoD invested more than \$161 million in FY10 to develop and implement INRMPs. While this number is a decrease of nearly \$27 million from FY09 (Figure 2-1), overall INRMP funding has increased by more than \$44 million since FY06. This increase shows the Department's continuing commitment to natural resources conservation in support

Figure 2-1 **INRMP** Funding \$200 \$188.7 \$160 \$144.8 **Millions of Dollars** \$120 \$121.0 \$117.2 \$80 \$40 \$0

of the military mission. Portions of the decrease from FY09 are due to lost reimbursable revenue streams and increases in significant, non-recurring requirements for the Marine Corps in FY10. In addition, Army had fewer overall natural resources expenditures in FY10.

FY08

FY09

FY10

FY07

FY06

In FY10, 78 percent of DoD's required INRMPs were complete (Figure 2-2). This is a four percent increase from FY09 and is largely due to the DoD Components implementing a new system of reporting metrics that more closely scrutinize INRMP status and adhere to Sikes Act requirements. These new reporting metrics should

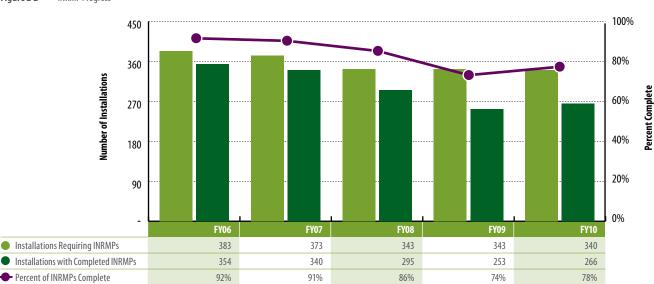


Figure 2-2 **INRMP Progress** 

#### **Chapter 2: Natural Resources**

also allow the DoD Components to better manage and allocate resources. However, delays caused by lengthy USFWS review periods, Environmental Assessments and/or Environmental Impact Statement, and changes in staff at the installation can all impact INRMP completion dates.

Appendix D, Section 2 contains Natural Resources Program data by DoD Component.

# **3** Cultural Resources

The Department of Defense (DoD) is a leader in cultural resources management. DoD lands are home to more than 20,000 National Register-listed and eligible properties and contain more than 100,000 identified archaeological sites. The Department's policy is to:

- Manage and maintain cultural resources under DoD control through a comprehensive program that: considers the preservation of historic, archaeological, architectural, and cultural values; is mission supporting; and results in sound and responsible stewardship.
- Be an international and national leader in the stewardship of cultural resources by promoting and interpreting the cultural resources it manages; to inspire DoD personnel; and to encourage and maintain U.S. public support for its military.
- Develop and foster positive partnerships with federal, tribal, state, and local government agencies, professional and advocacy organizations, and the general public to manage and maintain cultural resources.

#### **Cultural Resources at a Glance**

## **Program Accomplishments:**

- Increased the percentage of installations with completed Integrated Cultural Resource Management Plans from 81 to 87 percent during fiscal year (FY) 2010
- Mapped 95 percent of archaeological sites in a geographic information system during FY10

# Requirements

These regulatory requirements provide the framework necessary for the Department of Defense (DoD) to manage its cultural resources:

- · Antiquities Act of 1906
- Archaeological and Historic Preservation Act of 1974
- Archaeological Resources Protection Act of 1979
- · National Environmental Policy Act of 1969
- National Historic Preservation Act of 1966, as amended
- Native American Graves Protection and Repatriation Act of 1990, as amended
- Executive Order (E.O.) 13287, "Preserve America"

- E.O. 13327, "Federal Real Property Asset Management"
- 36 Code of Federal Regulations (CFR) Part 79, "Curation of Federally Owned and Administered Archaeological Collections"
- DoD Instruction (DoDI) 4715.16, "Cultural Resources Management"

# **Program Summary**

DoD is one of the largest land owners in the United States. As such, the Department takes a proactive approach to cultural resources management, relies on the best technology available, and uses cutting-edge conservation management techniques including:

- Integrated Cultural Resource Management
   Plans (ICRMPs) DoD Components complete these mandatory five-year planning documents to implement their Cultural Resources Program.
- Historic Building Inventories DoD installations complete these required inventories using historic property information held in data repositories, like the DoD Real Property Inventory and the Federal Real Property Asset Database.

For more information on the Cultural Resources Program, please go to: http://www.denix.osd.mil/cr



Figure 3-2 DoD Cultural Resources Metrics per DoDI 4715.16

Cultural Resources Metrics	FY09	FY10
Curation		
Compliant curation of archaeological collections and associated records (cubic feet)	Not Compliant*	Not Compliant*
A) Volume of collections requiring curation	55,543	56,098
B) Volume of collections curated to 36 CFR Part 79	31,547	31,870
C) Volume of collections acquired during the previous FY	1,956	2,438
Compliant curation of archaeological collections and associated records (linear feet)	Not Compliant*	Not Compliant*
A) Volume of collections requiring curation	12,189	11,890
B) Volume of collections curated to 36 CFR Part 79	9,291	9,279
C) Volume of collections acquired during the previous FY	221	310
Archaeological Survey		
Percent of DoD-managed acres surveyed for archaeological sites	N/A	39%
Number of DoD-managed acres available for survey	N/A	21.9 Million
$Number of DoD-managed\ acres,\ available\ for\ survey,\ that\ have\ been\ surveyed\ for\ archaeological\ sites$	N/A	8.5 Million
GIS Mapping		
Percent of archaeological sites mapped into a GIS	N/A	95%
Number of recorded archaeological sites	N/A	111,342
Number of archaeological sites mapped into a GIS	N/A	106,010
Percent of installations with Historic Real Property Asset Information reflected in a GIS	56%	58%
Number of installations with cultural resources	358	341
Number of installations with cultural historic properties mapped into a GIS	202	199
Public Outreach		
Percent of installations with cultural resources that have public Web sites, tour programs, or welcome packages	45%	58%
Number of installations with cultural resources	358	341
Number of installations with cultural resources that have public Web sites, tour programs, or welcome packages	161	197

<sup>\*</sup> Compliant with DoDI 4715.16 if volume of collections not curated in current FY (A-B) is less than or equal to the volume of collections acquired in previous FY (C). Not compliant if (A-B) > C.

### **Evaluation Criteria**

DoD installations continue to use ICRMPs as the primary tool to manage cultural resources, develop programmatic approaches, and measure success in compliance with cultural resources laws. DoD policy requires installations to review and update their ICRMPs annually.

Signed in FY09, DoDI 4715.16 established new metrics to assess the performance of DoD Components' Cultural Resources Management programs. These metrics cover:

- Historic Properties
- Curation
- Archaeological Survey
- Geographic Information System (GIS) Mapping
- ICRMPs
- Public Outreach

# **Performance Summary**

In FY10, 341 DoD installations required ICRMPs. Of those installations, 87 percent had completed ICRMPs (Figure 3-1). In FY09 only 81 percent had completed ICRMPs.

Figures 3-2 and 3-3 show the FY09 and FY10 data for the metrics established by DoDI 4715.16. However, these metrics, with the exception of ICRMPs, are too new to provide trend analysis. DoD will report progress and status in the next Report to Congress, once it has collected three years of data.

Appendix D, Section 3 contains the Cultural Resources Program data by DoD Component.

#### **Chapter 3: Cultural Resources**

Figure 3-3 Historic Property Data Reported by DoD's Real Property Asset Database

Number of Historic Properties	FY09	FY10
Number of buildings, structures, and linear structures with historical status data element codes "contributing element of National F	,	"
National Historic Landmark" (NHLI), "Contributing element to an eligible National Register district" (NREC), "Individually eligible for the National Register" (NREI), "Eligible as a contributing		
element to an eligible National Register district" (NRLC), or "Individually listed on the National Register" (NRLI)		

Total	21,653	21,334
Buildings	19,242	18,385
NHLC	1,515	1,431
NHLI	57	55
NREC	10,805	10,345
NREI	4,899	5,003
NRLC	1,795	1,385
NRLI	171	166
Structures	2,332	2,469
NHLC	386	378
NHLI	55	48
NREC	885	870
NREI	884	1,052
NRLC	85	85
NRLI	37	36
Linear Structures		
NHLC	8	8
NHLI	1	1
NREC	43	222
NREI	25	247
NRLC	1	1
NRLI	1	1

Historic Property Data Reported by DoD's Real Property Asset Database Figure 3-3, cont.

Age of Historic Properties	FY09	FY10
Number of buildings, structures, and linear structures 50 years and older with historical status data element codes "Determined not	Eligible for Listing" (DNE), "De	signation Rescinded for
NHLI/NHLC/NREI/NREC National Register Property" (DNR), "Eligible for the purposes of a Program Alternative" (ELPA), "Non-Contributing Element of NHL/NRL/NRE District" (NCE), "Not Yet		
Evaluated" (NEV), NHLC, NHLI, NREC, NRLC, or NRLI		

	Total	143,571	151,671
Buildings		94,450	99,377
DNE		16,125	16,154
DNR		46	48
ELPA		31,650	35,438
NCE		204	241
NEV		28,816	30,613
NHLC		1,486	1,413
NHLI		49	48
NREC		10,462	10,074
NREI		3,779	3,882
NRLC		1,667	1,304
NRLI		166	162
Structures		34,943	37,774
DNE		7,282	7,903
DNR		24	32
ELPA		3,415	3,382
NCE		202	207
NEV		22,419	24,646
NHLC		371	367
NHLI		23	27
NREC		746	741
NREI		358	372
NRLC		72	67
NRLI		31	30
Linear Structures		14,178	14,520
DNE		2,320	2,616
ELPA		224	227
NCE		79	85
NEV		11,481	11,334
NHLC		8	8
NREC		40	218
NREI		25	31
NRLI		1	1

Percent of buildings, structures, and linear structures 50 years and older with historical status data element code "Not Yet Evaluated" (NEV)		
Buildings	(28,816 / 94,450) 31%	(30,613 / 99,377) 31%
Structures	(22,419 / 34,943) 64%	(24,646 / 37,774) 65%
Linear Structures	(11,481 / 14,178) 81%	(11,334 / 14,520) 78%
Total	(62,716 / 143,571) 44%	(66,593 / 151,671) 44%

#### **Chapter 3: Cultural Resources**

Figure 3-3, cont. Historic Property Data Reported by DoD's Real Property Asset Database

Demolition of Historic Properties	FY08	FY09
Number of buildings, structures, and linear structures demolished in the previous fiscal year with historical status data element codes NHLC, NHLI, NREC, NREI, NRLC, or NRLI		
Total	12	150
Buildings	11	139
NHLC	0	19
NREC	7	32
NREI	4	46
NRLC	0	41
NRLI	0	1
Structures		
NREC	1	4
NREI	0	4
NRLC	0	1
NRLI	0	2
Linear Structures		

# 4 Compliance

The Department of Defense (DoD) must comply with applicable laws, regulations, Executive Orders, Final Governing Standards, and agreements designed to protect human health and the environment. The DoD Compliance Program policy objectives are to:

- Plan, program, budget, and execute projects and activities that help DoD achieve compliance
- Promote the development and use of innovative compliance solutions
- Conduct internal and external compliance assessments
- Correct identified issues promptly
- Reduce compliance costs

# **Compliance at a Glance:**

Fiscal Year (FY) 2010 funding: \$1.5 billion, a one percent decrease from FY09

# **Program Accomplishments:**

- Increased percentage of compliant water permits to 93 percent during first half of calendar year (CY) 2010
- Provided safe drinking water to **97 percent** of the Department of Defense population during first half of CY10
- Decreased total fines and penalties assessed 85 percent during FY10
- Decreased hazardous air pollutant emissions 25 percent since CY06

# Requirements

The Compliance Program covers all Department of Defense (DoD) operations, activities, and installations within the United States and its territories and includes governmentowned and contractor-operated facilities. The Department's Compliance Program also includes overseas installations, as determined by the Office of the Secretary of Defense. These laws, Executive Orders (E.O.s), and DoD Instructions (DoDI) provide specific criteria for the Compliance Program:

- Clean Air Act (CAA)
- Clean Water Act (CWA)
- Emergency Planning and Community Right-to-Know Act
- · National Environmental Policy Act
- Resource Conservation and Recovery Act (RCRA)
- Safe Drinking Water Act (SDWA)
- · Solid Waste Disposal Act
- Toxic Substances Control Act
- E.O. 13423, "Strengthening Federal Environmental, Energy, and Transportation Management"
- E.O. 13514, "Federal Leadership in Environmental, Energy, and Economic Performance"
- DoDI 4715.6, "Environmental Compliance"
- DoDI 4715.5, "Management of Environmental Compliance at Overseas Installations"

# **Program Summary**

Compliance is not an independent environmental program. It is part of a systematic approach to achieve environmental objectives. DoD integrates this program with other programs like the Pollution Prevention Program. As such, DoD prefers to achieve compliance by implementing pollution prevention activities and does so when practicable and feasible.

The Department uses a prioritized selection process to fund compliance projects and activities. This process is based upon specific criteria (e.g., current compliance status, pending regulatory requirements, and anticipated compliance deadlines) and ensures DoD meets its program objectives in a cost-effective manner.

For more information, please go to http://www.denix.osd.mil/em

# **Air Quality**

During CY09, DoD decreased:

- Volatile organic compound emissions by eight percent
- Sulfur dioxide emissions by **four percent**
- Carbon monoxide emissions by **five percent**

#### Overview

DoD operations are subject to many requirements designed to protect and enhance air quality. These operations require permits for regulated emissions and must comply with permit terms and conditions. The Department implements internal policies, procedures, program objectives, and best management practices to reduce emitted pollutants and protect air quality. DoD's Clean Air Act Services Steering Committee, led by the Navy, supports these efforts.

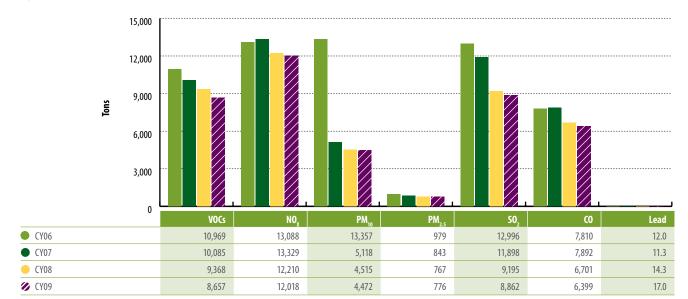


Figure 4-1 DoD Criteria Pollutant Emissions from Stationary Sources (U.S. and Territories & Overseas)

#### **Evaluation Criteria**

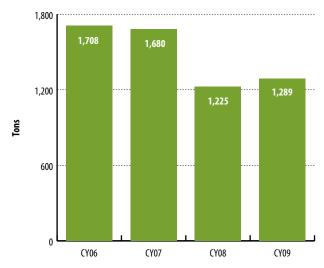
DoD set these goals to protect air quality:

- Manage air pollutant emissions to protect public health, meet national clean air standards, and maximize operational flexibility
- · Make appropriate investments to promote the attainment of National Ambient Air Quality Standards and enhance the training/operations flexibility in maximizing the use of air resources

DoD installations with CAA operating permits calculate and report their criteria pollutant and hazardous air pollutant (HAP) emissions to their permitting authority. DoD aggregates and analyzes the reported emissions and compares them to the previous year's emissions to establish overall air emission trends. DoD measures emissions for the six criteria pollutants (and their regulated precursors where applicable) and 187 HAPs as an overall indicator to help evaluate progress toward these goals. The six criteria pollutants are:

- Ozone (O<sub>3</sub>) (reported as precursor emissions of volatile organic compounds (VOCs) and NO<sub>v</sub>)
- Nitrogen dioxide (reported as NO<sub>v</sub>)
- Particulate matter (regulated as PM<sub>2.5</sub> and PM<sub>10</sub>)
- Sulfur dioxide (SO<sub>2</sub>)
- Carbon Monoxide (CO)
- Lead

Figure 4-2 DoD Hazardous Air Pollutants from Stationary Sources (U.S. and Territories & Overseas)



#### **Performance Summary**

In CY09, SO<sub>2</sub> and CO emissions decreased four percent and five percent, respectively. DoD's lead emissions increased 19 percent in CY09 due to the use of new emission factors not available before CY09 (Figure 4-1).

Although HAP emissions increased five percent between CY08 and CY09, the overall trend of HAP emissions shows a 25 percent decrease since CY06 (Figure 4-2).

Appendix D, Section 4 contains Air Quality performance data by DoD Component.

# Clean Water

From CY09 through the first half of CY10, DoD increased the percentage of:

- CWA compliant water discharge permits from 92 to
   93 percent
- Overseas compliant wastewater discharge facilities from
   85 to 91 percent

#### Overview

DoD operations generate point source and non-point source discharges to surface waters, which can adversely affect surface water quality. DoD's point source discharges and pollutants commonly originate from installation sewage treatment plants, industrial wastewater treatment facilities, and combined sewer overflows. The Department's non-point source discharges and pollutants are from stormwater runoff that flows across construction sites, range operations, and shipyards.

Most operations that generate discharges into water bodies must obtain permits for the discharges of regulated pollutants and comply with permit terms and conditions. DoD's two most common water pollution control permits administered under the CWA are:

- National Pollution Discharge Elimination System permits for sanitary sewage, industrial wastewater, and stormwater discharges
- Pre-treatment permits for discharges of sanitary sewage and pre-treated industrial wastewaters discharged to the local Publicly Owned Treatment Works before discharged to bodies of water

### **Evaluation Criteria**

DoD's clean water goals are to:

- Manage domestic and industrial wastewater and stormwater effectively to protect public health, meet clean water standards, and maximize operational flexibility
- Protect watersheds and ensure availability of discharge capacity to support mission

The Department reports these performance metrics:

- In the United States and its territories: Percentage of water pollution control permits compliant with applicable requirements
- Overseas: Percentage of facilities that discharge regulated wastewater or stormwater compliant with Final Governing Standards (FGS)

# **Performance Summary**

During the first half of CY10, 93 percent of the 1,471 DoD water pollution control permits were compliant with the CWA (Figure 4-3). DoD's compliance trend over the past five years has remained at or above 92 percent. From CY06 through the first half of CY10, the total number of CWA permits continued to decrease, primarily due to base closures, the consolidation and elimination of discharges, and the privatization of wastewater utilities.

During the first half of CY10, 91 percent of the 234 overseas DoD facilities discharging wastewater or stormwater were compliant with FGS (Figure 4-4). Overseas compliance increased over 25 percent from CY06 through the first half of CY10.

Appendix D, Section 4 contains Clean Water performance data by DoD Component. For more CWA information, please go to <a href="http://www.denix.osd.mil/cwa">http://www.denix.osd.mil/cwa</a>

# Safe Drinking Water

From CY09 to the first half of CY10, DoD increased the percentage of the DoD population served by DoD public water systems that meets established drinking water requirements from **96** to **97 percent** (Figure 4-5).

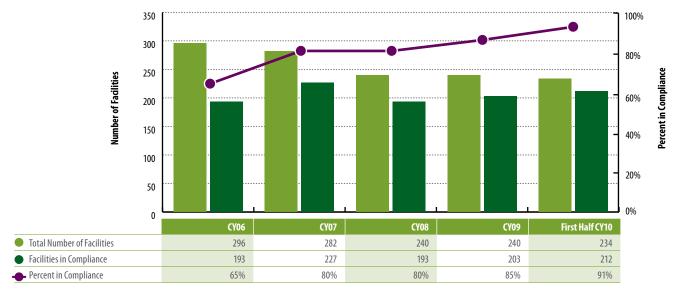
#### Overview

DoD provides drinking water to 3.4 million people living and working on DoD installations. In the United States and its territories, public water systems supply drinking water. These water systems must comply with National Primary Drinking Water Regulations administered under the SDWA. However, DoD's overseas public water systems must comply with FGS. These limits ensure potable water meets relevant drinking water standards.



Figure 4-3 Percent of DoD Clean Water Pollution Control Permits Compliant with Clean Water Act (U.S. and Territories)





### **Evaluation Criteria**

DoD's public water system goals are to:

- Provide safe drinking water to protect the health of people living and working on its installations
- Distribute public water in compliance with relevant standards to 100 percent of the DoD population
- Support military readiness by conserving resources through efficient management of drinking water assets

DoD evaluates safe drinking water for both U.S. and overseas operations using the following performance metric:

 Percentage of DoD population served by DoD public water systems that meets established drinking water requirements (e.g., SDWA and FGS)

### **Performance Summary**

In the first half of CY10, DoD provided safe drinking water to 97 percent of the population served (over 3.4 million people worldwide [Figure 4-5]). In cases where regulatory

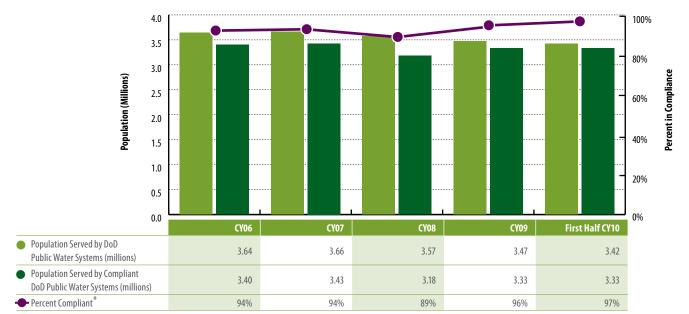


Figure 4-5 Percent of DoD Population Served by DoD Public Water Systems in Compliance with Applicable Requirements (U.S. and Territories & Overseas)

standards were not met, DoD fixed the issue immediately or provided alternative drinking water.

Appendix D, Section 4 contains Safe Drinking Water performance data by DoD Component.

# **Enforcement Actions**

From FY09 to FY10. DoD decreased:

- Total fines and penalties assessed by **85 percent**
- CAA new enforcement actions by **24 percent**
- SDWA new enforcement actions by 20 percent

### Overview

DoD is committed to full and sustained compliance with applicable federal, state, and local environmental requirements. Despite the Department's efforts to comply, events occur that cause non-compliance. During these events, regulatory agencies may issue enforcement actions. DoDI 4715.6 defines an enforcement action as any formal, written notification by EPA or other authorized federal, state, inter-state, regional, or local environmental regulatory agency of violation of any applicable statutory or regulatory requirement. An open enforcement action is an enforcement action that has been issued but is not yet resolved by the end of the reporting period

(September 30). A new enforcement action is an enforcement action received during the reporting period (October 1–September 30). The date of an enforcement action is the date the installation receives formal written notification from the regulating authority. In general, the most serious enforcement actions may include fines or nonmonetary penalties that the regulatory agency assesses.

DoD tracks Compliance Program enforcement actions administered under the authority of the following:

- CAA (air quality)
- CWA (wastewater and stormwater)
- RCRA Subpart C (hazardous waste)
- RCRA Subpart I (underground storage tanks)
- RCRA Subpart D (solid waste)
- SDWA (drinking water)

### **Evaluation Criteria**

DoD's enforcement action goals are to:

- Maintain full and sustained compliance with environmental laws (U.S. and territories) and environmental obligations (overseas)
- Maintain robust self-audit and corrective action programs
- · Identify and correct non-compliance in a timely manner

<sup>\*</sup> Compliance rates are calculated from exact populations

DoD reports the following metrics to evaluate performance toward enforcement action goals:

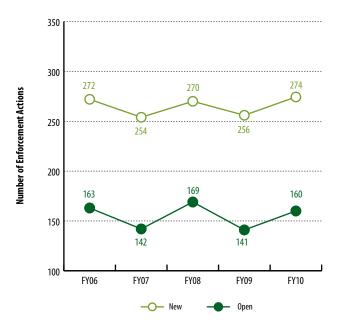
- Number of new and open enforcement actions (U.S. and territories, and overseas)
- · Number of new inspections (U.S. and territories, and overseas)
- · Number of new enforcement actions by statute (U.S. and territories, and overseas)
- Total monetary fines and penalties

### Performance Summary

Although there was a 12 percent increase in the number of inspections in FY10, the percent of inspections resulting in enforcement actions remained constant at 9 percent, down from 11 percent in FY06 (Figure 4-6). In FY10, DoD reported 274 new enforcement actions and 160 open enforcement actions, a 7 percent and 13 percent increase respectively from FY09 (Figure 4-7). The increase in open enforcement actions is primarily due to the extended time taken to respond to requests to close completed enforcement actions.

In FY10, new enforcement actions for CAA, RCRA/D, and SDWA decreased, while new enforcement actions for CWA, RCRA/C, RCRA/I, and Other increased (Figure 4-8). Despite an increase in local and EPA fines in FY10, the total

Figure 4-7 Number of New and Open DoD Enforcement Actions (U.S. and Territories & Overseas)



amount of DoD fines and penalties assessed decreased 85 percent (Figure 4-9).

Appendix D, Section 4 contains enforcement action performance data by DoD Component.



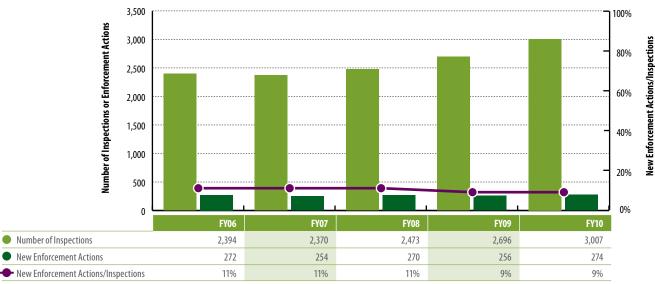
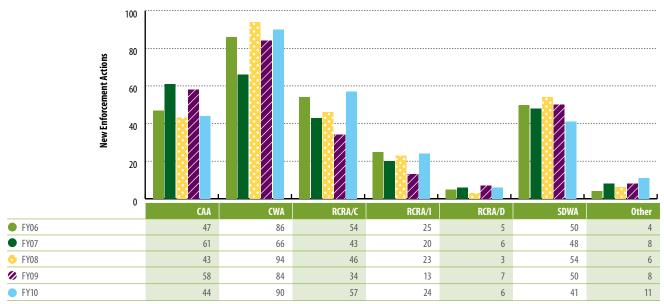
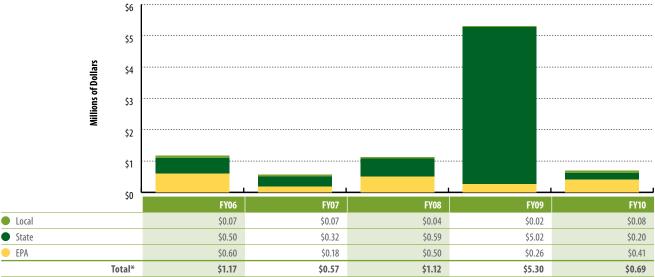


Figure 4-8 Number of New Enforcement Actions by Statute (U.S. and Territories)\*



<sup>\*</sup> Excludes new overseas enforcement actions by media.

Figure 4-9 DoD Monetary Fines and Penalties Assessed (Millions of Dollars)



<sup>\*</sup> Subtotals may not add to total due to rounding.

# 5 Pollution Prevention

The Department of Defense (DoD) created the Pollution Prevention Program to reduce or eliminate the generation of waste, loss of natural resources, and process emissions. DoD also implements energy, water, and fuel efficiency measures that further reduce pollution and better utilize existing resources. The Program is built upon a flexible framework that helps the Department prioritize cost-effective initiatives while it maintains safe, uninterrupted operations and sustains military readiness. DoD uses the Pollution Prevention Program as the cornerstone for compliance with several environmental regulations.

The Pollution Prevention Program's goals and objectives help the Department:

- Comply with existing requirements
- Prevent future contamination at existing sites
- Reduce future environmental liabilities and operational costs
- Reduce life cycle costs in operations and maintenance

The Program also helps to ensure that DoD Components:

- Comply with environmental laws, regulations, and standards
- Accomplish specific environmental objectives associated with an array of pollution prevention activities

In the future, the Department will report the Pollution Prevention Program as part of the Department's Strategic Sustainability Performance Plan, as required by Executive Order 13514.

### **Pollution Prevention at a Glance:**

Fiscal year (FY) 2010 funding: \$91.2 million, an 18 percent decrease from FY09

### **Program Accomplishments**

- Diverted **43 percent** of non-hazardous municipal solid waste in FY10
- Reduced hazardous waste disposal by over **6,300 tons** in calendar year (CY) 2009
- Saved \$180.9 million using integrated solid waste management practices
- Decreased releases of aluminum (fume) or dust) by 40 percent in CY09

# Requirements

The Department of Defense (DoD) Pollution Prevention Program includes, but is not limited to, projects implemented to comply with these regulations:

- 10 United States Code §2577
- 2002 Farm Security and Rural Investment Act
- Emergency Planning and Community Right-to-Know Act (EPCRA)
- Federal Acquisition Regulation
- · Pollution Prevention Act of 1990
- Resource Conservation and Recovery Act §6002
- Executive Order (E.O.) 13423, "Strengthening Federal Environmental, Energy, and Transportation Management"
- E.O. 13514, "Federal Leadership in Environmental, Energy, and Economic Performance"
- 40 Code of Federal Regulations §261.2
- DoD Instruction (DoDI) 4715.4, "Pollution Prevention"
- DoDI 4715.6, "Environmental Compliance"
- DoD Green Procurement Program Strategy
- DoD Integrated Solid Waste Management (ISWM) Policy
- DoD Strategic Sustainability Performance Plan (SSPP)
- DoD Toxic and Hazardous Chemicals Reduction Plan

# **Overview**

DoD established its Pollution Prevention Program in 1985 under this hierarchy:

- Source reduction
- Reuse
- Recycling
- Composting/mulching
- Waste-to-energy/incineration
- · Other forms of volume reduction
- Landfilling

The Department also designed and implemented other initiatives to incorporate pollution prevention into the organization's culture. Some of these activities include the formation of working groups and steering committees, and the development of strategic policies, plans, and training programs. Because of these initiatives, pollution prevention practices are now part of the military's day-today activities and operations.

### **Solid Waste**

From FY09 to FY10, DoD diverted:

- 43 percent of non-hazardous municipal solid waste, 3 percentage points over the established goal
- 73 percent of construction and demolition (C&D) debris, 23 percentage points over the established goal
- **62 percent** of combined non-hazardous municipal solid waste and C&D debris

### Overview

DoD activities generate residential and commercial waste, non-hazardous industrial waste, non-hazardous process waste, C&D debris, yard waste, and logistics waste such as packaging. DoD Components use ISWM techniques to determine the most cost effective, energy-efficient, and environmentally protective methods to manage these solid waste streams.

Many installations establish Qualified Recycling Programs (QRPs) to recover revenue for material diverted from waste, in addition to avoiding disposal costs. QRP managers identify opportunities to sell recyclable material and develop the diversion program based on recycling costs, sales proceeds, and cost avoidance.

Improved management and promotion of additional recycling opportunities support DoD waste reduction goals and lessen future disposal costs. Additionally, installations are better equipped to make good business decisions that reduce waste volume, maximize diversion, and realize potential cost savings.

For more Solid Waste information, go to http://www.denix.osd.mil/swr

### **Evaluation Criteria**

DoD's ISWM Policy Memorandum sets two goals for non-hazardous solid waste:

- 40 percent diversion of non-hazardous municipal solid waste (without C&D debris) by the end of FY10
- 50 percent diversion of C&D debris solid waste by the end of FY10

DoD uses solid waste and recycling metrics to monitor performance against the FY10 diversion goals. These metrics calculate the rate at which installations prevent non-hazardous solid waste from entering a disposal facility. Each year, the percentage of solid waste diverted varies depending on the amount, location, and types of solid waste generated. C&D debris is dependent on the schedule for construction, demolition, and renovation projects at an installation.

The DoD SSPP will increase diversion goals for nonhazardous municipal solid waste to 50 percent and C&D debris to 60 percent by FY15.

### Performance Summary

DoD exceeded agency performance goals for C&D debris diversion. Additionally, the overall implementation of ISWM practices resulted in cost-avoidance of \$180.9 million in FY10. This amount represents the associated costs incurred for the disposal and treatment of solid waste and C&D debris.

Since FY06, solid waste generated (excluding C&D debris) decreased by 18 percent. In FY10, DoD generated a total of approximately 6.3 million tons of solid waste, consisting of nearly 2.2 million tons of non-hazardous municipal solid waste (over 15,500 tons less than FY09) and 4.1 million tons of C&D debris. The generation of municipal solid waste equates to 2.9 pounds per DoD person each day. DoD diverted 43 percent of its non-hazardous municipal solid waste, which is the highest diversion rate since FY05 (Figure 5-1). In FY10, DoD's C&D debris diversion rate



Figure 5-1 DoD Non-Hazardous Solid Waste Progress, Excluding C&D Debris (Millions of Tons) (U.S. and Territories & Overseas)

<sup>\*</sup>Diversion rates are calculated from exact numbers.

4.5 4.0 80% ons of Solid Waste (In Millions) 3.5 3.0 60% **Diversion Rat** 2.5 2.0 40% 1.5 1.0 20% 0.5 0.0 FY06 FY07 FY08 FY09 FY10 C&D Debris Generated 3.94 4.11 3.62 3.35 3.06 3.01 **C&D Debris Diverted** 2.69 2.51 2.01 2.98 Diversion Rate (Diverted/Generated)\* 74% 75% 76% 66% 73%

Figure 5-2 DoD C&D Debris Solid Waste Progress (Millions of Tons) (U.S. and Territories & Overseas)

was 73 percent (Figure 5-2), well above the 50 percent diversion goal for C&D debris.

Appendix D, Section 5 contains solid waste diversion data by DoD Component.

### **Hazardous Waste**

During CY09, DoD reduced:

- Hazardous waste disposal by **8 percent** since CY08
- Hazardous waste disposal by 10 percent since CY05

# Overview

DoD's goal is to efficiently manage hazardous waste. Hazardous waste is a subset of solid waste that is potentially harmful to human health or the environment. The Department is successfully implementing major pollution prevention efforts to reduce hazardous waste disposal. In January 2008, DoD deployed the agency-level Toxic and Hazardous Chemicals Reduction Plan. The Plan outlines the programs, initiatives, and actions necessary to meet E.O. 13423 reduction requirements for toxic and hazardous chemicals. The Plan follows three principles:

 Identify the major DoD programs and initiatives relevant to toxic and hazardous chemicals

- Build upon existing DoD programs and initiatives relevant to toxic and hazardous chemicals
- Use the DoD environmental management system (EMS) framework as a tool for achieving continual improvement in toxic and hazardous chemical management in DoD

### **Evaluation Criteria**

DoD calculates the hazardous waste reduction rate on a calendar year basis and includes hazardous waste treated on-site and shipped off-site in the United States, its territories, and overseas. In 2005, DoD revised the hazardous waste metric to include hazardous waste treated on-site among certain waste categories targeted for reduction. Before CY05, the metric included mainly hazardous waste shipped off-site (both treated and disposed).

### **Performance Summary**

In CY09, DoD disposed of almost 70,000 tons of hazardous waste, 8 percent less than CY08 (Figure 5-3), and 10 percent less than CY05. This decrease was largely because DoD generated less hazardous waste.

Appendix D, Section 5 contains hazardous waste performance data by DoD Component.

<sup>\*</sup>Diversion rates are calculated from exact numbers.

Figure 5-3 DoD Hazardous Waste Disposal (U.S. and Territories & Overseas)



# **Toxics Release Inventory (TRI)**

In CY09, DoD:

- Decreased releases of aluminum (fume or dust) by 40 percent
- Decreased releases of ethylene glycol by **25 percent**

### Overview

DoD implements EPCRA §313 TRI requirements pursuant to E.O. 13423. Each year, DoD facilities that meet the reporting requirements submit chemical reports to the U.S. Environmental Protection Agency (EPA) that summarize the release and transfer of EPCRA §313 toxic chemicals. These reports contain detailed emissions, transfers, and waste management data. EPA makes the data available to the public via TRI Explorer (www.epa.gov/ triexplorer). DoD uses the submitted TRI toxic chemical data to identify:

- Processes that produce DoD TRI chemical releases and off-site transfers
- Procedures that require the use of TRI toxic chemicals
- Pollution prevention opportunities

For more TRI information, please go to http://www.denix.osd.mil/epcratri

### **Evaluation Criteria**

DoD facilities that have 10 or more full-time employees and that manufacture, process, or otherwise use a TRI-listed

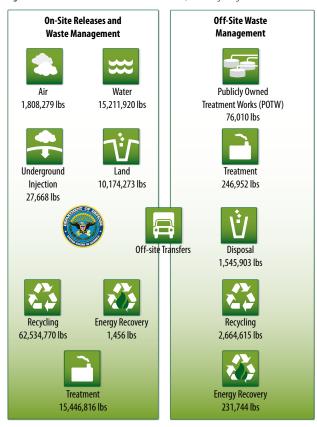
toxic chemical in quantities greater than the established reporting threshold over the course of a calendar year, evenly, intermittently, or in a single event, must report all releases and waste management activities on a TRI chemical inventory form (Form R). The TRI reporting period for this Annual Report to Congress is CY09. A facility may revise its TRI-reported data if new information becomes available, even if this occurs after the reporting deadline has passed. Enabling facilities to revise historical data encourages review and recalculation of original data submissions to improve accuracy.

# Performance Summary

Figure	Facility Type	Type of Analysis	Торіс
5-4	Installations	CY09 Total Releases	CY09 Total On-site and Off-site
	and Ranges	and Transfers	Releases and Transfers
5-5	Installations	CY05—CY09	DoD TRI Reportable Releases and
	only	percent change	Transfers
5-6	Installations	CY05—CY09	DoD TRI Reportable Releases and
	and Ranges	percent change	Transfers
5-7	Installations and Ranges	CY08—CY09 percent change	CY09 Top 10 Chemicals with Greatest Releases and Transfers; includes primary sources of each chemical's releases and transfers
5-8	Installations only	CY08—CY09 percent change	CY09 Top 10 Chemicals with Greatest Releases and Transfers; includes primary sources of each chemical's releases and transfers
5-9	Installations	CY05—CY09	CY05 Top 10 Chemicals with
	and Ranges	percent change	Greatest Releases and Transfers
5-10	Installations only	CY05—CY09 percent change	CY05 Top 10 Chemicals with Greatest Releases and Transfers
5-11	Installations and Ranges	CY08—CY09 percent change	CY09 Top 10 Installations with Greatest Releases and Transfers; includes primary sources of each installation's releases and transfers
5-12	Installations	CY05—CY09	CY05 Top 10 Installations with
	and Ranges	percent change	Greatest Releases and Transfers

In CY09, the majority of DoD's TRI on-site releases were released into the water and onto the land (Figure 5-4). TRI chemicals entering into the water on-site are primarily from nitrate compounds, which are released as a result of propellant manufacturing operations and wastewater treatment operations. TRI chemicals released on-site to the land are mainly from heavy metals like lead and copper which are the result of munitions either used on training ranges or treated/demilitarized during open burning and open detonation operations.

Figure 5-4 CY09 DoD TRI Releases and Transfers, Including Ranges



In CY09, TRI chemical releases and off-site transfers from DoD facilities (excluding operational range activities) totaled 20.1 million pounds, a 10 percent decrease from the previous year, and a 9 percent increase from CY05 (Figure 5-5). DoD uses the total TRI chemical releases and off-site transfers (excluding range releases) to measure progress in reducing overall chemical releases. The Department does not include releases from operational range activities as part of the reduction efforts.

DoD's range facilities reported 9.0 million pounds of DoD TRI chemical releases and off-site transfers. Range releases accounted for 31 percent of the total DoD TRI chemical releases and off-site transfers.

DoD reported 29.1 million pounds of TRI chemical releases and off-site transfers from its facilities (Figure 5-6). This represents an 8 percent decrease from the previous year and a 13 percent increase from CY05. In CY09, the largest decrease of reportable quantities from the previous year was from chemicals sent off-site to a publicly operated treatment work.

Appendix D, Section 5 contains TRI performance data by DoD Component.

Figure 5-5 DoD TRI Reportable Quantities, Installations Only, U.S. and Territories (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05–CY09 Percent Change
On-site to Water	14,131,901	15,626,580	15,537,100	16,460,754	14,108,670	0%
On-site to Air	2,149,466	2,073,081	1,630,607	1,663,090	1,752,560	-18%
On-site Underground Injection	0	34,877	34,508	40,606	27,668	
On-site to Land	874,138	1,023,989	1,686,317	2,059,685	2,396,730	174%
Off-site to POTW	111,007	211,994	130,725	135,605	75,971	-32%
Off-site Treatment	681,889	689,221	193,278	227,713	246,952	-64%
Off-site Disposal	569,423	1,050,545	1,171,158	1,782,719	1,517,921	167%
Total	18,517,823	20,710,288	20,383,693	22,370,172	20,126,472	9%

Figure 5-6 DoD TRI Reportable Quantities, Installations and Ranges, U.S. and Territories (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05–CY09 Percent Change
On-site to Water	14,132,130	15,628,423	15,539,126	16,463,639	15,211,920	8%
On-site to Air	2,205,025	2,142,410	1,843,543	2,194,852	1,808,279	-18%
On-site Underground Injection	0	34,877	34,508	40,606	27,668	
On-site to Land	7,740,930	10,559,615	9,100,333	10,769,029	10,174,273	31%
Off-site to POTW	221,007	211,994	130,725	135,664	76,010	-66%
Off-site Treatment	681,889	689,221	193,723	227,713	246,952	-64%
Off-site Disposal	651,428	1,160,777	1,188,412	1,824,040	1,545,903	137%
Total	25,632,409	30,427,317	28,030,370	31,655,544	29,091,006	13%

Figure 5-7 CY09 Top 10 DoD TRI Chemicals, Installations and Ranges (U.S. and Territories)

Name of Chemical	Pounds Released or Transferred	CY08–CY09 Percent Change	Primary Sources
1. Nitrate Compounds	15,430,610	-8%	Energetics manufacturing operations, wastewater treatment operations
2. Copper	4,807,553	-6%	Operational range activities
3. Lead Compounds	2,720,446	8%	Operational range activities
4. Lead	1,849,156	-4%	Operational range activities
5. Ethylene Glycol	737,909	-25%	Vehicle maintenance
6. Aluminum (Fume or Dust)	448,808	-40%	Operational range activities
7. Hydrochloric Acid (1995 and after "Acid Aerosols" only)	444,885	66%	Co-manufacturing byproduct from wastewater treatment operations
8. Dichloromethane	376,615	-23%	Aircraft and vehicle maintenance
9. Xylene (Mixed Isomers)	242,118	-8%	Surface coating and ship preservation
10. Toluene	215,168	-4%	Painting operations

CY09 Top 10 DoD TRI Chemicals, Installations Only (U.S. and Territories) Figure 5-8

Name of Chemical	Pounds Released or Transferred	CY08–CY09 Percent Change	Primary Sources
1. Nitrate Compounds	14,327,753	-15%	Energetics manufacturing operations, wastewater treatment operations
2. Copper	1,016,096	22%	Destruction and disposal of munitions
3. Ethylene Glycol	737,909	-25%	Vehicle maintenance
Hydrochloric Acid (1995 and after "Acid Aerosols" only)	444,885	66%	Co-manufacturing byproduct from wastewater treatment operations
5. Dichloromethane	376,615	-23%	Aircraft and vehicle maintenance
6. Aluminum (Fume or Dust)	342,200	139%	Destruction and disposal of munitions
7. Lead Compounds	326,813	53%	Destruction and disposal of munitions
8. Lead	370,815	-41%	Destruction and disposal of munitions
9. Xylene (Mixed Isomers)	242,118	-8%	Surface coating and ship preservation
10. Toluene	215,155	-4%	Painting operations

Figure 5-9 Change in CYO5 Top 10 DoD TRI Chemicals, Installations and Ranges, U.S. and Territories (Pounds Released or Transferred)

Name of Chemical	CY05	CY06	CY07	CY08	CY09	CY05–CY09 Percent Change
1. Nitrate Compounds	14,512,774	16,003,171	15,970,190	16,822,155	15,430,610	6%
2. Copper	3,821,405	5,759,548	4,477,646	5,112,625	4,807,553	26%
3. Lead Compounds	1,699,037	1,917,832	1,676,646	2,525,775	2,720,446	60%
4. Lead	1,141,699	2,101,936	2,071,587	1,923,104	1,849,156	62%
5. Dichloromethane	479,107	422,350	314,490	489,807	376,615	-21%
6. Aluminum (Fume or Dust)	382,249	325,231	296,786	748,497	448,808	17%
7. Ethylene Glycol	373,216	339,673	586,115	982,567	737,909	98%
8. Hydrochloric Acid (1995 and after "Acid Aerosols" only)	342,039	370,873	336,130	267,597	444,885	30%
9. Zinc (Fume or Dust)	311,654	323,281	238,333	519,700	113,888	-63%
10. Xylene (Mixed Isomers)	268,319	241,992	177,288	263,573	242,118	-10%
Total	23,331,499	27,805,888	26,145,211	29,655,400	27,171,989	16%

**Figure 5-10** Change in CY05 Top 10 DoD TRI Chemicals, Installations Only, U.S. and Territories (Pounds Released or Transferred)

Name of Chemical	CY05	CY06	CY07	CY08	CY09	CY05–CY09 Percent Change
1. Nitrate Compounds	14,402,774	16,003,171	15,970,190	16,822,155	14,327,753	-1%
2. Dichloromethane	479,107	422,350	314,490	489,807	376,615	-21%
3. Ethylene Glycol	373,216	339,673	585,096	982,567	737,909	98%
Hydrochloric Acid (1995 and after "Acid Aerosols" only)	342,039	370,873	336,130	267,597	444,885	30%
5. Zinc (Fume or Dust)	311,654	323,281	238,333	519,700	113,888	-63%
6. Toluene	271,639	197,357	218,722	223,648	215,155	-21%
7. Xylene (Mixed Isomers)	268,268	241,938	163,683	263,573	242,118	-10%
8. Copper	210,061	387,796	608,863	831,034	1,016,096	384%
9. N-Butyl Alcohol	152,358	112,951	97,041	124,656	146,761	-4%
10. Methyl Isobutyl Ketone	134,638	154,024	159,038	127,105	93,583	-30%
Total	16,945,754	18,553,416	18,691,586	20,651,843	17,714,763	5%

Figure 5-11 CY09 Top 10 DoD TRI Facilities (U.S. and Territories)

Name of Installation	Pounds Released or Transferred	CY08–CY09 Percent Change	Primary Sources
1. Radford Army Ammunition Plant	12,571,331	-12%	Energetics manufacturing operations
2. Fort Bragg Range	1,330,821	143%	Operational range releases
3. Anniston Army Depot	615,395	-2%	Heavy tracked vehicle maintenance operations
4. Red River Army Depot	570,558	-40%	Wheeled and tracked vehicle maintenance operations
5. MCB Camp Lejeune	503,659	12%	Wastewater treatment operations
6. NSWC Crane Division	486,177	59%	Open burning/open detonation activities
7. Fort Still Field Artillery Range	482,566	148%	Operational range releases
8. MCB Camp Lejeune Range	470,789	-18%	Operational range releases
9. Fort Benning Range	463,340	91%	Operational range releases
10. Fort Knox Range	450,610	75%	Operational range releases

Figure 5-12 Change in CY05 Top 10 DoD TRI Facilities, U.S. and Territories (Pounds Released and Transferred)

Name of Installation	CY05	CY06	CY07	CY08	CY09	CY05–CY09 Percent Change
1. Radford Army Ammunition Plant	11,704,540	13,757,844	13,919,076	14,318,846	12,571,331	7%
2. Anniston Army Depot	694,698	624,530	546,475	625,637	615,395	-11%
3. Twentynine Palms Range	622,052	353,074	148,573	204,598	81,331	-87%
4. Pearl Harbor Naval Complex	517,958	329,226	377,068	552,279	269,943	-48%
5. MCB Camp Lejeune	504,922	537,250	432,333	448,296	503,659	0%
6. Fort Bragg Range	459,717	555,636	329,769	547,599	1,330,821	189%
7. Fort Still Field Artillery Range	454,457	543,358	335,276	194,444	482,566	6%
8. PSNS & IMF — Bremerton Site & Naval Base Kitsap*	377,515	203,751	154,638	251,210	232,923	-38%
9. Fort Benning Range	371,939	410,604	339,667	243,108	463,340	25%
10. Air Defense Artillery Center & Ranges Fort Bliss	360,820	134,069	236,146	226,227	214,426	-41%
Total	16,068,617	17,449,342	16,819,019	17,612,244	16,765,735	4%

<sup>\*</sup> As a result of regionalization efforts, Puget Sound Naval Shipyard began reporting as PSNS & IMF-B remerton Site & Naval Base Kitsap beginning in CYO4.

# 6 Restoration

The Department of Defense (DoD) began environmental restoration in 1975 under the Installation Restoration Program (IRP). In 2001, DoD established the Military Munitions Response Program (MMRP) under the Defense Environmental Restoration Program to address munitions-contaminated sites. The IRP and MMRP enable the Department to comply with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), also known as Superfund. CERCLA requires responsible parties to clean up hazardous substances released to the environment. This chapter satisfies the National Defense Authorization Act for Fiscal Year (FY) 2007 §313 reporting requirement to provide an annual update to the MMRP Comprehensive Plan, including cleanup progress updates, adjustments to the MMRP goals, and funding estimates through FY10.

This chapter summarizes IRP and MMRP requirements, evaluation criteria, and performance trends for the Department's:

- Active installations
- Base Realignment and Closure installations
- Formerly Used Defense Site properties

This chapter also summarizes the program status of two initiatives that support the DERP:

- Cost Recovery
- Restoration Partnerships

### **Restoration at a Glance**

**Environmental Restoration fiscal year** (FY) 2010 funding: **\$1.6 billion** 

Base Realignment and Closure (BRAC) FY10 funding: \$666.7 million

# Installation Restoration Program (IRP) Accomplishments

- Achieved remedy in place/response complete at **86 percent** of IRP sites on active installations through FY10
- Transferred 14,298 acres under BRAC Early Transfer Authority in FY10

# Military Munitions Response Program (MMRP) Accomplishments

- Achieved a statutory goal by completing site inspections at 97 percent of munitions response sites on active installations through FY10
- Decreased the cost-to-complete estimate for the MMRP by 11 percent in FY10

# Requirements

The Department of Defense (DoD) conducts cleanup in accordance with these requirements:

- 10 United States Code §§2700–2710, "Environmental Restoration"
- · Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Defense Base Closure and Realignment Act of 1990
- National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2002
- NDAA for FY07 §313
- Superfund Amendments and Reauthorization Act (SARA)

- Executive Order 12580, "Superfund Implementation"
- 32 Code of Federal Regulations (CFR), Part 179, "Munitions Response Site Prioritization Protocol"
- · 32 CFR, Part 202, "The Restoration Advisory Board (RAB) Rule"
- DoD Instruction 4715.7, "Environmental Restoration Program"
- Defense State Memorandum of Agreement/ Cooperative Agreements Program Guide
- RAB Rule Handbook

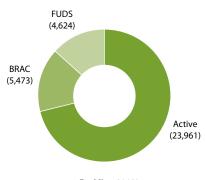
# **Program Summary**

# **DERP Applicability**

DoD conducts cleanup on these three types of properties in the United States, District of Columbia, and U.S. territories (Figure 6-1):

- Active installations are bases where DoD conducts training and operations.
- Base Realignment and Closure (BRAC) installations are bases that have been identified for realignment or closure under one of the five Congressionally-approved BRAC rounds. Congress authorized four rounds of BRAC in 1988, 1991, 1993, and 1995, commonly referred to as Legacy BRAC; a fifth round in 2005 is called BRAC 2005. DoD uses different tools to transfer BRAC property to other parties. For example, DoD can use its Early Transfer Authority (ETA) to transfer property before cleanup is complete. ETA requires approval by the U.S. Environmental Protection Agency (EPA) Administrator and the state governor for properties listed on EPA's National Priorities List (NPL). For non-NPL properties, ETA only requires the state governor's approval.
- Formerly Used Defense Site (FUDS) properties are lands that were under DoD's jurisdiction, but transferred out of DoD control before SARA was signed on October 17, 1986. The Secretary of Defense designated the Army as the Executive Agent to manage environmental cleanup on FUDS properties. The U.S. Army Corps of Engineers performs program

Figure 6-1 Total Number of Restoration Sites by Property Type



Total Sites: 34,058

management and execution of cleanup on FUDS properties in consultation with current landowners, stakeholders, local communities, and regulators. FUDS cleanup is unique because DoD no longer owns these properties and has very limited control over the actions of non-DoD landowners. For properties where DoD held jurisdiction at the time of contamination, the Department determines who is responsible for the existing environmental and health hazards. If another party is partially responsible for the contamination, DoD may negotiate a settlement for the other party to conduct or partially fund the cleanup.

DoD conducts cleanup at its facilities on the NPL as well as non-NPL sites. For DoD facilities on the NPL, an Interagency Agreement (IAG) is signed between EPA and DoD under CERCLA Section 120(e). DoD has signed IAGs at 137 out of 141 DoD facilities on the NPL. For the four remaining IAGs, DoD and EPA did not reach an agreement within the required time period. See the Restoration Narratives in Appendix F for further information about specific IAGs.

# Defense Environmental Restoration Program (DERP) Process

The DERP includes the following program areas (Figure 6-2):

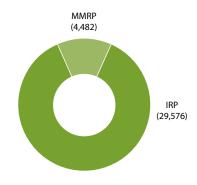
 Installation Restoration Program (IRP) governs cleanup (i.e., identification, investigation, removal actions, remedial actions, or a combination of removal and remedial actions) to address the release of hazardous substances and pollutants or contaminants; petroleum, oil, or lubricants; DoD unique materials; hazardous

wastes or hazardous waste constituents; explosive compounds released as a result of ammunition or explosives production, or manufacturing at ammunition plants; and unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC) that are incidental to an IRP site.

- Military Munitions Response Program (MMRP) directs cleanup at locations where UXO, DMM, or MC are known or suspected to be present. DoD refers to these locations as munitions response sites (MRSs). The MMRP applies to all locations with the exception of operational ranges, locations outside of the United States, operating storage and manufacturing facilities, and where munitions result from combat.
- Building Demolition/Debris Removal (BD/DR) demolishes and removes unsafe buildings and structures at facilities or sites that meet specific criteria. Due to the program's small size (408 sites), BD/DR sites are included in IRP site counts unless otherwise indicated.

DoD funds cleanup of IRP sites and MRSs at active installations and FUDS properties through five Environmental Restoration (ER) accounts: Army, Navy, Air Force, Defense-wide, and FUDS. The Department funds cleanup at closing installations through two BRAC accounts: Legacy BRAC and BRAC 2005. DoD funds cleanup at realigning installations through its ER accounts.

Total Number of Restoration Sites by Program Figure 6-2



Total Sites: 34.058

### Risk Management and Prioritization

DoD prioritizes funding to first clean up sites that pose the greatest threat to safety, human health, and the environment. DoD uses these tools to determine a site's risk relative to other sites:

- The Relative Risk Site Evaluation (RRSE) prioritizes IRP sites into three categories: high, medium, or low relative risk. The rating is based on the nature and extent of the site's contamination, the likelihood that contaminants will migrate, and the potential impacts of contamination on populations and ecosystems.
- The Munitions Response Site Prioritization Protocol (MRSPP) consists of three separate modules to evaluate hazards associated with explosives, chemical warfare materiel, MC, and other incidental environmental contaminants. Based on relative risk in these hazard areas, DoD gives each MRS a numeric score or an alternative rating. Beginning in FY08, the Secretary of Defense required the DoD Components to begin reporting MRSPP scores. Through FY10, the Department assigned numeric scores to 630 MRSs and alternative ratings to 3,852 MRSs.

The scores yielded from the RRSE and MRSPP affect how DoD sequences IRP sites and MRSs for cleanup. In addition to relative risk, DoD considers other factors such as economic, programmatic, and stakeholder concerns, as well as reuse and redevelopment plans in prioritizing sites for cleanup.

In FY10, six MRSs were sequenced for cleanup ahead of higher priority MRSs. Of these six sites, three sites are being addressed out of order due to concerns expressed by regulators and stakeholders; two sites are being addressed out of order due to the availability of funding, equipment, and personnel; and one site is being addressed out of order based on special considerations due to health, safety, and ecological risk assessments.

### **Cost Recovery**

DoD uses cost recovery to recoup or share cleanup costs when contamination at an installation is either partially or wholly caused by another party's activities. Cost recovery helps the DoD Components increase funding and resources available for cleanup. As such, the DoD Components do the following to recoup cleanup costs:

- Establish policies to identify other public and private parties potentially responsible for contamination
- When cost-effective, pursue the other potentially responsible party to either take responsibility for environmental restoration or contribute to the cost of response actions
- Pursue recovery for costs of \$50,000 or more whenever cleanup on DoD property is required and cooperation could not be negotiated in advance

## **Restoration Partnerships**

DoD participates in various partnerships to further the DERP. DoD invests considerable resources in these two partnerships.

• Restoration Advisory Boards (RABs) are community-oriented forums that encourage and facilitate communication between citizens and installation decision-makers regarding cleanup at active installations, BRAC installations, and FUDS properties. Participants may include representatives from the community; installation; state, local, or tribal governments and regulatory agencies; local activist organizations; or the business community. Installation Commanders gauge community interest and evaluate criteria to establish a RAB every two years. RABs are funded through DoD administrative support, Technical Assistance for Public Participation (TAPP) Grants, and FPA Technical Assistance Grants.

- · The Defense State Memorandum of Agreement (DSMOA) Program is a partnership between the Office of the Secretary of Defense and states (or territories). It is designed to expedite environmental cleanup. DSMOAs provide a framework for DoD to openly coordinate with state regulators to help achieve cleanup goals. Under the DSMOA Program, states may apply for funding from DoD for any eligible restoration services they perform. After signing a DSMOA with DoD, the state must apply for a Cooperative Agreement (CA) to receive financial assistance for cleanup activities at DoD facilities. The CA outlines the planning and funding structure for a two-year period. The FY10 DEP ARC reports on the FY08 through FY10 DSMOA funding period. The Department may reimburse states under DSMOA when states demonstrate the proposed cleanup is:
  - DoD's responsibility under DERP
  - Sought by DoD, and not imposed by the state
  - Associated with a specific installation
  - · On the Joint Execution Plan, which is a planning document for the coordination of resources

The Secretary of Defense designated the Army as the Executive Agent to manage DSMOA. For more information about existing DSMOAs and CAs, please go to: https://dsmoa.usace.army.mil

For more information on the Restoration Program, please go to: http://www.denix.osd.mil/derp/

### **Evaluation Criteria**

DoD measures progress toward specific goals for IRP sites and MRSs at active installations, BRAC installations, and FUDS properties. The DoD Components use the goals to help guide investment decisions and set restoration targets for each FY.

**IRP Goals:** DoD currently tracks progress against remedy in place (RIP), which occurs when cleanup systems are constructed and operational, and response complete (RC), which occurs when the site has achieved the agreed upon cleanup standards (though it may still be monitored due

to restricted property use). DoD developed specific IRP goals with target time lines for achieving risk reduction and RIP/RC (Figure 6-4).

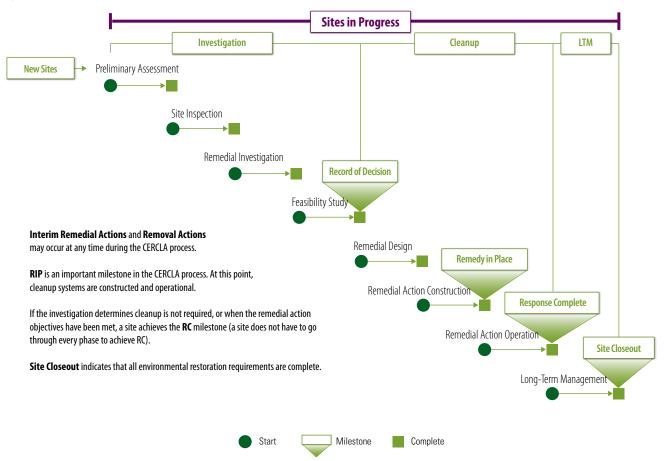
MMRP Goals: The NDAA for FY07 §313 established the following goals for DoD to clean up MRSs:

- Complete preliminary assessments (PAs) at all active installations and FUDS properties by the end of FY07
- Achieve RIP/RC at all Legacy BRAC MRSs by the end of FY09
- Complete site inspections (SIs) at all active installations and FUDS properties by the end of FY10
- Establish a RIP/RC goal at active installations, BRAC 2005 installations, and FUDS properties

DoD developed RIP/RC goals for MRSs at active installations and BRAC 2005 installations. As the MMRP evolves, DoD will develop RIP or RC goals for FUDS properties that are both reasonable and challenging (Figure 6-4).

**Cost-to-Complete (CTC):** CTC estimates are the anticipated funds needed to complete cleanup at IRP sites and MRSs. The CTC estimates are derived from site-level funding information and can be impacted by prioritization, input from regulators and other stakeholders, the complexity of the cleanup, and the technologies that are available and chosen. DoD uses CTC estimates to ensure it employs cost-effective cleanup strategies at active installations, BRAC installations, and FUDS properties. CTC estimates that decrease as restoration sites move through the phases of cleanup and achieve program goals indicate DoD is making progress.

Figure 6-3 DoD CERCLA Environmental Restoration Phases and Milestones



### **Restoration Phases and Milestones:** The DoD

Components monitor cleanup progress and risk reduction at sites by aligning cleanup status with five phases and milestones in the CERCLA process (Figure 6-3):

- 1. Investigation completed, underway, or planned
- 2. Cleanup completed, underway, or planned
- 3. RIP achieved
- 4. RC achieved
- Long-term management (LTM) completed, underway, or planned.

The Department strives for consistency and transparency when evaluating cleanup. As such, DoD and EPA continue to participate in the Joint Measures Harmonization Work Group to address inconsistencies between DoD and EPA data when reporting progress. The Work Group's objectives are to review both agencies' goals and performance metrics and to develop a transparent, consistent approach to reporting the progress of DoD's cleanup program.

# **Performance Summary**

### **Installation Restoration Program**

DoD:

- Achieved RIP/RC at 86 percent of IRP sites on active installations through FY10
- Transferred 14,298 acres through ETA at BRAC installations in FY10
- Achieved RIP/RC at 72 percent of IRP sites on FUDS properties through FY10

### **Active Installations**

Through FY10, DoD identified 21,528 IRP sites on active installations.

Between FY06 and FY10, DoD increased the percentage of high relative risk sites achieving RIP/RC from 83 percent to 94 percent (Figure 6-4). While DoD did not achieve RIP/

Figure 6-4 DoD Restoration Performance Goals and Progress\*

Installation Restoration Program	FY06	FY07	FY08	FY09	FY10
Active Installations					
Reduce risk or achieve RIP/RC at all high relative risk IRP sites by the end of FY07 $\!^\dagger$	83%	92%	93%	94%	94%
Reduce risk or achieve RIP/RC at all medium relative risk IRP sites by the end of FY11 $\!^\dagger$	52%	58%	65%	70%	75%
Reduce risk or achieve RIP/RC at all low relative risk IRP sites by the end of FY14 $^\dagger$	59%	65%	69%	74%	77%
Achieve RIP/RC at all IRP sites by the end of FY14	85%	89%	90%	86%	86%
BRAC Installations					
Achieve RIP/RC at all Legacy BRAC IRP sites by the end of FY15	86%	86%	87%	88%	88%
Achieve RIP/RC at all BRAC 2005 IRP sites by the end of FY14	66%	62%	47%	54%	61%
FUDS Properties					
Reduce risk or achieve RIP/RC at all high relative risk IRP sites by the end of FY07	48%	50%	54%	55%	59%
Reduce risk or achieve RIP/RC at all medium relative risk IRP sites by the end of FY11	43%	46%	50%	52%	52%
Reduce risk or achieve RIP/RC at all low relative risk IRP sites by the end of FY20	44%	43%	52%	56%	58%
Achieve RIP/RC at all IRP sites by the end of FY20	67%	68%	70%	71%	72%
Military Munitions Response Program	FY06	FY07	FY08	FY09	FY10
Active Installations					
Complete PAs at all MRSs by the end of FY07 $\!\!\!^{\dagger}$	70%	96%	95%	97%	96%
Complete SIs at all MRSs by the end of FY10 $\!^\dagger$	24%	29%	51%	72%	97%
Achieve RIP/RC at all MRSs by the end of FY20	17%	23%	34%	43%	38%
BRAC Installations					
Achieve RIP/RC at all Legacy BRAC MRSs by the end of FY09	38%	63%	67%	68%	70%
Achieve RIP/RC at all BRAC 2005 MRSs by the end of FY17	0%	20%	27%	33%	39%
FUDS Properties					
Complete PAs at all MRSs by the end of FY07	99%	99%	99%	96%	98%
Complete SIs at all MRSs by the end of FY10	34%	45%	58%	67%	84%

<sup>\*</sup> The Department considers a goal to be met when it achieves a 95 percent completion rate

RC at all high relative risk sites by FY07 as planned, it is still working aggressively to reduce risk at the remaining sites. These sites generally pose significant challenges due to their complexity.

DoD strives to reduce risk by achieving RIP/RC at all medium relative risk sites by the end of FY11 and at all low relative risk sites by the end of FY14. DoD increased the percentage of sites achieving RIP/RC at medium relative risk sites from 52 percent in FY06 to 75 percent in FY10. DoD also increased the percentage of sites achieving RIP/ RC at low relative risk sites from 59 percent in FY06 to 77 percent in FY10 (Figure 6-4).

The Department is successfully moving sites through the investigation and cleanup phases. This is evidenced in FY10 by DoD increasing the number of sites achieving RC by 455 (Figure 6-5).

DoD is working toward achieving RIP/RC at all active IRP sites by the end of FY14. Between FY09 and FY10, the Department made progress reducing risk and achieving RIP/RC at medium and low relative risk sites. The overall percentage of sites achieving RIP/RC remained at 86 percent because new sites, some of which were not evaluated using the RRSE, were added to the inventory in FY10.

Appendix D, Section 6 contains IRP performance data at active installations by DoD Component.

### **BRAC Installations**

Through FY10, DoD identified 5,127 IRP sites on BRAC installations.

DoD's goal is to achieve RIP/RC at all Legacy BRAC IRP sites by the end of FY15. Between FY06 and FY10, DoD

<sup>†</sup> New sites added to the inventory after FY08 are not subject to the relative risk reduction or PA and SI completion goals

**Figure 6-5** DoD IRP Site Status at Active Installations by Cleanup Phase



<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

Figure 6-6 DoD IRP Site Status at Legacy BRAC and BRAC 2005 Installations by Cleanup Phase



<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>†</sup> LTM is a subset of Response Complete.

<sup>†</sup> LTM is a subset of Response Complete.



Figure 6-7 DoD IRP Site Status at FUDS Properties by Cleanup Phase

increased the percentage of Legacy BRAC sites at RIP/RC from 86 percent to 88 percent (Figure 6-4).

Through FY10, DoD achieved RIP/RC at 61 percent of all BRAC 2005 sites, an increase from 54 percent in FY09. Despite this progress, the proportion of BRAC 2005 sites achieving RIP/RC fell from 66 percent in FY06 (Figure 6-4). The reason for this decrease is that between FY06 and FY10, the BRAC 2005 inventory increased by 79 sites, or 33 percent. The actual number of sites achieving RIP/RC between FY06 and FY10 did not decrease.

DoD has been aggressively moving Legacy BRAC and BRAC 2005 sites through the cleanup process. This means that sites moved through the investigation and cleanup phases to achieve RIP/RC. Between FY06 and FY10, DoD increased the number of Legacy BRAC and BRAC 2005 IRP sites achieving RIP/RC by 186 sites (Figure 6-6).

Another noteworthy achievement is the transfer of BRAC property through ETA. In FY10, the Army transferred a total of 14,298 acres through ETA at the Lone Star Army

Ammunition Plant in Texas. Through FY10, the Department has transferred over 30,000 acres through ETA.

Appendix D, Section 6 contains IRP performance data at BRAC installations by DoD Component.

### **FUDS Properties**

Through FY10, DoD identified 2,921 IRP sites on FUDS properties.

Between FY06 and FY10, the Department increased the percentage of high relative risk sites achieving RIP/RC from 48 percent to 59 percent (Figure 6-4). While DoD did not achieve RIP/RC at all high relative risk sites by FY07 as planned, it is still working to reduce risk at the remaining sites. These sites generally pose significant challenges due to their complexity.

DoD is effectively moving sites on FUDS properties through the investigation and cleanup phases to achieve RIP/RC. Between FY06 and FY10, DoD decreased the percentage of sites in the investigation phase from 22 percent to 17 percent. During the same period, the Department also

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>†</sup> LTM is a subset of Response Complete.

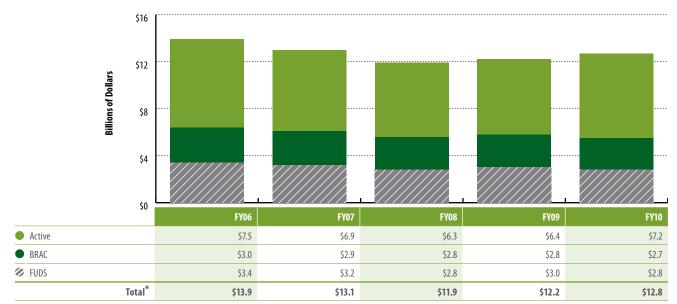


Figure 6-8 DOD IRP CTC Estimates at Active Installations, BRAC Installations, and FUDS Properties (Billions of Dollars)<sup>†</sup>

increased the percentage of sites achieving RIP/RC from 67 percent to 72 percent. Between FY09 and FY10, DoD increased the number of sites achieving RIP/RC on FUDS properties by 88 sites (Figure 6-7).

Appendix D, Section 6 contains IRP performance data at FUDS properties.

### CTC

In FY10, DoD estimated the CTC to be \$12.8 billion for IRP cleanup.

Between FY09 and FY10, DoD increased the CTC estimates for IRP cleanup by five percent. Despite this increase, DoD decreased the CTC estimates by eight percent since FY06 (Figure 6-8). This downward trend in IRP CTC estimates reflects DoD's success in moving sites through the cleanup phases to achieve RIP/RC.

Appendix D, Section 6 contains IRP CTC data by DoD Component.

# Military Munitions Response Program

DoD:

- Achieved its goal by completing site inspections at
   97 percent of MRSs at active installations by FY10
- Decreased the MMRP CTC estimates on active installations, BRAC installations, and FUDS properties by 11 percent
- Increased the percentage of MRSs on FUDS properties achieving RIP/RC from 29 percent in FY06 to 38 percent in FY10

# **Active Installations**

Through FY10, DoD identified 2,433 MRSs on active installations, a 33 percent increase from FY09 (Figure 6-9). In FY10, the number of MRSs increased because:

- the Army added the National Guard Bureau non-DoD owned, non-operational defense sites to its MRS inventory
- the Air Force is conducting an additional inventory of its MMRP, which resulted in the identification of new MRSs
- the Air Force is also splitting MRSs into smaller sites to put uncontaminated sites back to use

<sup>\*</sup> Subtotals may not add to total due to rounding.

<sup>†</sup> Funding represents site-level data and does not include management and support costs not directly attributable to specific sites.



Figure 6-9 DoD MRS Status at Active Installations by Cleanup Phase

DoD's MMRP goals include completing PAs at all MRSs by the end of FY07 and completing SIs at all MRSs by the end of FY10. Through FY10, DoD completed PAs at 96 percent of MRSs. Between FY09 and FY10, DoD increased the percentage of SIs completed at MRSs from 72 percent to 97 percent, achieving its goal (Figure 6-4).

Between FY06 and FY10, DoD continued moving sites through the investigation and cleanup phases to achieve RIP/RC. During this time, the Department increased the percentage of MRSs achieving RIP/RC from 17 percent to 38 percent at active installations (Figure 6-9).

Between FY09 and FY10, the number of sites achieving RIP/RC increased by 158 sites; however, the percentage of sites achieving RIP/RC decreased because the MRS inventory increased.

Appendix D, Section 6 contains MMRP performance data at active installations by DoD Component.

### **BRAC Installations**

Through FY10, DoD identified 346 MRSs on BRAC installations.

Between FY06 and FY10, DoD increased the percentage of sites achieving RIP/RC at Legacy BRAC MRSs from 38 percent to 70 percent (Figure 6-4). DoD did not achieve RIP/RC at all Legacy BRAC MRSs by the end of FY09 as planned. While the Department did not meet this goal, it continues working to reduce risk at these sites, which pose challenges due to their complexity.

DoD's goal is to achieve RIP/RC at all BRAC 2005 MRSs by the end of FY17. Between FY09 and FY10, DoD increased the percentage of MRSs achieving RIP/RC from 33 percent to 39 percent at BRAC 2005 installations (Figure 6-4). DoD is showing continual progress toward meeting its goal in the next seven years.

Between FY06 and FY10, DoD demonstrated it is successfully moving MRSs through the investigation and cleanup phases at Legacy BRAC and BRAC 2005 installations. During this time, the Department decreased the percentage of MRSs

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>†</sup> LTM is a subset of Response Complete.

0%

108

23

Figure 6-10 DoD MRS Status at Legacy BRAC and BRAC 2005 Installations by Cleanup Phase

FY07

118

39

FY08

118

25

FY09

117

21

Investigation Planned or Underway

Cleanup Planned or Underway

Figure 6-11 DoD MRS Status at FUDS Properties by Cleanup Phase

0%

FY06

237

14



<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>(</sup>Remedy in Place)\* (0) (8) (6) (6) (9) 122 215 Response Complete 180 200 206 (LTM Underway)† (11) (17) (17) (20) (20) Percent of Sites Achieving RIP/RC 33% 56% 60% 62% 65% 373 343 344 346

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>†</sup> LTM is a subset of Response Complete.

<sup>†</sup> LTM is a subset of Response Complete.



Figure 6-12 DoD MMRP CTC Estimates at Active Installations, BRAC Installations, and FUDS Properties (Billions of Dollars)<sup>†</sup>

in the investigation phase from 64 percent to 31 percent. This corresponds to an increase in the percentage of MRSs achieving RIP/RC from 33 percent to 65 percent during the same time period (Figure 6-10).

Appendix D, Section 6 contains MMRP performance data at BRAC installations by DoD Component.

### **FUDS Properties**

Through FY10, DoD identified 1,703 MRSs on FUDS properties.

DoD completed PAs at 98 percent of MRSs on FUDS properties to date. Between FY09 and FY10, DoD increased the percentage of SIs completed from 67 percent to 84 percent (Figure 6-4). However, DoD did not meet its goal of completing SIs at all MRSs on FUDS properties by the end of FY10. The FUDS inventory has significantly increased since this goal was established in FY04. The additional MRSs, as well as the challenging task of obtaining rights of entry from current land owners, have caused a delay in meeting the goal. In an effort to complete SIs at the remaining MRSs in the current inventory, the Army established an internal timeline to ensure that it completes SIs at FUDS properties by FY13.

DoD is making progress cleaning up MRSs on FUDS properties. Between FY06 and FY10, DoD decreased the percentage of MRSs in the investigation phase from 68 percent to 58 percent. During this same period, DoD increased the percentage of MRSs achieving RIP/RC from 29 percent to 38 percent (Figure 6-11).

Appendix D, Section 6 contains MMRP performance data at FUDS properties.

### CTC

In FY10, DoD estimated the CTC for MMRP cleanup to be \$15.2 billion.

Between FY09 and FY10, DoD decreased the CTC estimates for MMRP cleanup by 11 percent. DoD has decreased the CTC estimates by 19 percent since FY06 (Figure 6-12). This downward trend in MMRP CTC estimates reflects DoD's success in moving sites through the cleanup phases to achieve RIP/RC.

Appendix D, Section 6 contains MMRP CTC performance data by DoD Component.

<sup>\*</sup> Subtotals may not add to total due to rounding.

<sup>†</sup> Funding represents site-level data and does not include management and support costs not directly attributable to specific sites.

### Technology

Technology is an important part of the MMRP. The application of innovative, effective environmental technologies can improve cleanup efficiency, resulting in reduced risk and accelerated completion of the program. DoD supports research and development programs focusing on technologies to improve the safety, efficiency, and cost-effectiveness of munitions cleanup. Information on the specific technologies to advance the MMRP can be found at the Strategic Environmental Research and Development Program and Environmental Security Technology Certification Program Web site:

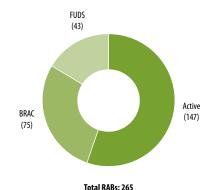
http://serdp-estcp.org/

# **Cost Recovery**

Installations report the amount of cleanup costs recovered in the reporting year and the amount recovered cumulatively through FY10. DoD recovered \$20.3 million in cleanup costs in FY10. The Department has recovered approximately \$578 million cumulatively through FY10.

Appendix D, Section 6 contains Cost Recovery data by DoD Component.

Figure 6-13 Total Number of RABs



# **Restoration Partnerships**

### **RABs**

DoD currently maintains 265 RABs on active installations, BRAC installations, and FUDS properties (Figure 6-13). DoD has supported a consistent number of RABs since it established the program in FY94. In FY10, DoD established three RABs and adjourned one RAB at Fort Richardson, Alaska (Figure 6-14).

In FY10, DoD spent \$3.5 million to support RABs, which represents an 18 percent increase since the previous year. Expenditures vary from year to year, based on community interest and participation, as well as cleanup requirements.

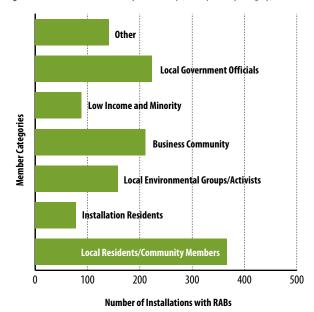
Figure 6-14 RABs Established and Adjourned in FY10

Installation Name	FFID	DoD Component	Established/Adjourned
Yuma Proving Ground	AZ921412099100	Army	Established
NSA Andersen Guam	GU917309951900	Navy	Established
San Diego Naval Training Center	CA917002320200	Navy	Established
Fort Richardson, AK	AK021452215700	Army	Adjourned

Figure 6-15 RABs Awarded TAPP Funding in FY10 (Actual Dollars)

Installation Name	FFID	TAPP Amount
Army		
Picatinny Arsenal	NJ221382070400	\$20,672
Navy		
Calverton NWIRP	NY217002379400	\$24,950
Formerly Used Defense Sites		
Kinchloe AFB	MI59799F226000	\$24,300
Total		\$69,922

FY10 RAB Community Membership (Participation by Category)



DoD may provide TAPP Grants to support technology assessments, relative risk site evaluations, health risk evaluations, and technical training and other support. In FY10, two DoD installations and one FUDS property received TAPP grants for their respective RABs, totaling \$69,922 (Figure 6-15).

In FY10, local residents, local government officials, and business community members made up a majority of RAB participants (Figure 6-16). The DoD Components report that most RABs advised DoD on the scope of environmental or public health studies. RABs also commonly provided input to prioritizing sites and selecting cleanup activities (Figure 6-17). RABs review plans and technical documents, and provide comments or advice as their two primary activities, a similar trend to FY09 (Figure 6-18).

Appendix D, Section 6 contains data on the number of RABs by DoD Component.

## **DSMOA**

Since 1986, DoD signed 53 DSMOAs with 48 states, 4 U.S. territories, and the District of Columbia. Only Arkansas, North Dakota, and the Virgin Islands have not signed DSMOAs. Of the 53 eligible partners, 52 have signed CAs for the FY08-FY10 funding period. The Navy signed two CAs, with California and West Virginia, outside the DSMOA program for the FY08-FY10 period.

Figure 6-17 FY10 Advice Provided by RABs (Participation by Category)

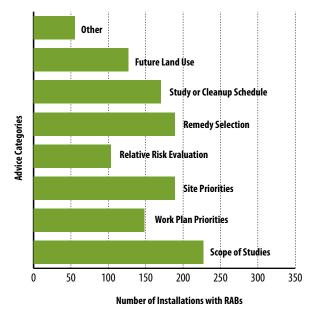
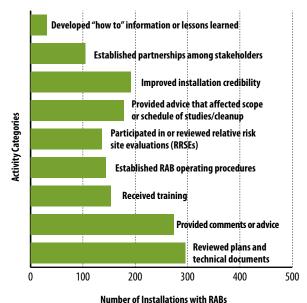


Figure 6-18 FY10 Primary RAB Activities (Participation by Category)



In FY10, DoD reimbursed \$27 million through DSMOA (Figure 6-19). An overview of FY10 DSMOA reimbursements by state and U.S. territory appears in Figure 6-20.

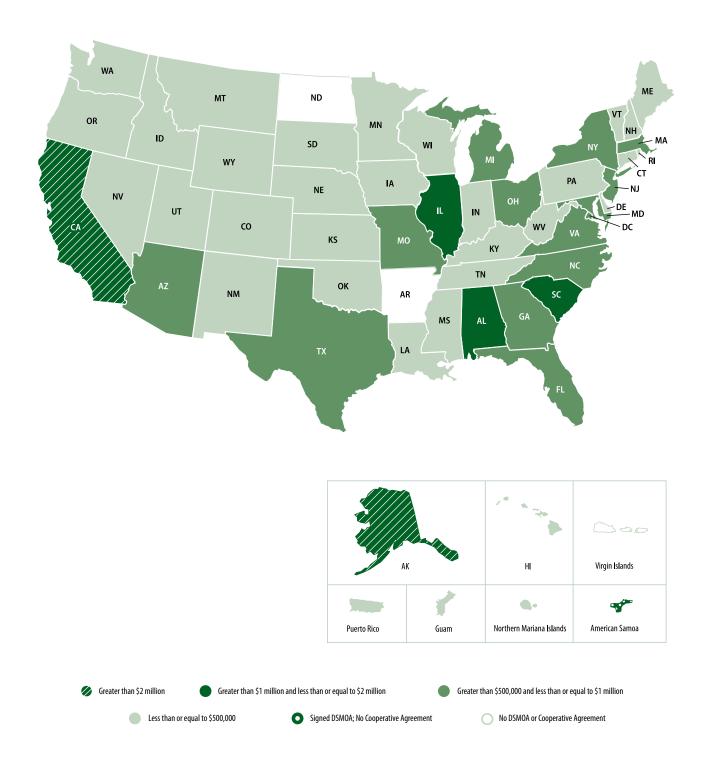
Figure 6-19 DSMOA and Cooperative Agreement Status (Actual Dollars)

State/Territory	DSMOA Signed (mm/dd/yy)	CA Application Signed (mm/dd/yy)	FY10 DSMOA Reimbursements
Alabama	5/29/90	5/10/10	\$1,772,355
Alaska	6/4/90	5/10/10	\$2,142,157
American Samoa	7/10/91	N/A	\$0
Arizona	3/13/91	5/6/10	\$541,291
Arkansas	N/A	N/A	N/A
California	5/31/90	5/10/10	\$5,920,045
Colorado	10/18/93	4/21/10	\$424,439
Connecticut	4/23/98	5/10/10	\$0
Delaware	2/26/90	4/22/10	\$0
District of Columbia	5/9/94	5/6/10	\$599,062
Florida	6/14/90	4/22/10	\$739,474
Georgia	5/8/90	4/29/10	\$597,648
Guam	11/27/91	4/29/10	\$60,823
Hawaii	9/10/91	4/16/10	\$263,761
ldaho	2/6/91	4/21/10	\$188,910
Illinois	12/17/92	4/19/10	\$1,312,153
Indiana	4/17/91	5/11/10	\$105,780
lowa	2/1/08	4/19/10	\$36,915
Kansas	8/6/92	4/11/10	\$317,794
Kentucky	6/6/91	4/20/10	\$109,792
Louisiana	11/13/91	4/20/10	\$62,528
Maine	6/24/91	4/22/10	\$457,210
Maryland	11/26/90	4/16/10	\$672,444
Massachusetts	10/18/91	5/6/10	\$901,935
Michigan	8/27/92	4/22/10	\$980,622
Minnesota	6/29/91	5/4/10	\$332,542
Mississippi	10/13/89	5/11/10	\$200,075
Missouri	5/22/91	4/26/10	\$704,745
Montana	4/17/98	4/20/10	\$76,197
Nebraska	9/29/92	4/19/10	\$158,084
Nevada	9/12/90	4/16/10	\$330,345
New Hampshire	1/22/93	4/16/10	\$201,231
New Jersey	4/3/92	5/12/10	\$561,810
New Mexico	6/12/90	4/21/10	\$125,277
New York	6/6/91	4/20/10	\$603,459
North Carolina	6/6/91	4/20/10	\$620,977
North Dakota	N/A	N/A	N/A
Northern Mariana Islands	10/18/91	5/28/10	\$0
Ohio	10/6/92	4/20/10	\$516,330
Oklahoma	12/28/92	4/19/10	\$165,279
Oregon	6/30/04	5/6/10 \$50,	
Pennsylvania	4/14/94	5/3/10 \$144,452	
Puerto Rico	2/4/91	5/11/10 \$370,830	
Rhode Island	9/26/91	4/29/10 \$252,340	
miloue isianu	7/20/91	4/27/10	3232,340

Figure 6-19, cont. DSMOA and Cooperative Agreement Status (Actual Dollars)

State/Territory	DSMOA Signed (mm/dd/yy)	CA Application Signed (mm/dd/yy)	FY10 DSMOA Reimbursements
South Carolina	5/8/91	4/20/10	\$1,169,751
South Dakota	10/25/91	4/15/10	\$105,029
Tennessee	6/2/92	4/21/10	\$232,812
Texas	4/8/91	4/20/10	\$562,477
Utah	11/11/98	4/21/10	\$376,494
Vermont	6/22/90	5/10/10	\$29,218
Virgin Islands	N/A	N/A	N/A
Virginia	8/31/90	4/19/10	\$634,623
Washington	2/3/94	1/1/10	\$0
West Virginia	5/24/90	5/10/10	\$8,894
Wisconsin	7/22/92	4/19/10	\$126,732
Wyoming	6/27/90	4/20/10	\$196,510
Total			\$27,063,976

Figure 6-20 FY10 DSMOA Reimbursements by State and U.S. Territory



# Acronyms

AAP	Army Ammunition Plant	DDT	Dichlorodiphenyltrichloroethane
AD	Army Depot	DEIC	Defense Environmental
AFB	Air Force Base		International Cooperation
AFP	Air Force Plant	DENIX	Defense Environmental Network and Information eXchange
AFRPA	Air Force Real Property Agency	DEP	Defense Environmental Programs
ANG	Air National Guard	DEP ARC	Defense Environmental Programs Annual
AOC	Area of Concern		Report to Congress
ARB	Air Reserve Base	DESC	Defense Energy Support Center
ARC	Annual Report to Congress	DLA	Defense Logistics Agency
ARS	Air Reserve Station	DMM	Discarded Military Munitions
AST	Aboveground Storage Tank	DNAPL	Dense Nonaqueous Phase Liquid
BD/DR	Building Demolition and Debris Removal	DNE	Determined not eligible for listing
BIA	Bureau of Indian Affairs	DNR	Designation rescinded for NHLI/NHLC/NREI/ NREC National Registry property
BRAC	Base Realignment and Closure	DNSC	Defense National Stockpile Center
BTEX	Benzene, Toluene, Ethylbenzene, and Xylene	DoD	Department of Defense
C&D	Construction and Demolition	DoDD	Department of Defense Directive
CA	Cooperative Agreements	DoDI	Department of Defense Instruction
CAA	Clean Air Act	DOE	Department of Energy
CAP	Corrective Action Plan	DOI	Department of the Interior
CD	Chemical Depot	DOJ	Department of Justice
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act	DON	Department of the Navy
CFC	Chlorofluorocarbon	DP	Disposal Pit
CFR	Code of Federal Regulations	DPG	Defense Planning Guidance
CMI	Corrective Measures Implementation	DRMO	Defense Reutilization and Marketing Office
CMS	Corrective Measures Study	DSC	Defense Supply Center
СО	Carbon Monoxide	DSMOA	Defense State Memorandum of Agreement
CO <sub>2</sub>	Carbon Dioxide	DTRA	Defense Threat Reduction Agency
CON/HTRW	Containerized Hazardous, Toxic and Radioactive Waste	DWCF	Defense Working Capital Fund
		DWFP	Defense Warfighter Protection
СТС	Cost-to-Complete	ECP	Environmental Condition of Property
CWA	Clean Water Act	EE/CA	Engineering Evaluation and Cost Analysis
CWM	Chemical Weapons Materiel	ELPA	Eligible for the purposes of a program
CY	Calendar Year		alternative
DD	Decision Document	EMS	Environmental Management System
DDD	Defense Distribution Depot	E.O.	Executive Order

EPA	Environmental Protection Agency	ICRMP	Integrated Cultural Resource Management Plan
<b>EPCRA</b>	Emergency Planning and Community	INPR	Inventory Project Report
	Right-to-Know Act	INRMP	Integrated Natural Resource Management Plan
ER	Environmental Restoration	IRA	Interim Remedial Action
ESA	Endangered Species Act	IRP	Installation Restoration Program
ESCA	Environmental Services Cooperative Agreement	ISWM	Integrated Solid Waste Management
ESI	Expanded Site Inspection	JGEnvAtt	Joint Group on Environmental Attributes
ESOH	Environmental, Safety, and Occupational Health	LF	Landfill
ESS	Explosives Safety Submission	LTM	Long-term Management
ESTCP	Environmental Security Technology Certification Program	LUC	Land Use Control
ETA	Early Transfer Authority	MC	Munitions Constituents or Mission Critical
EU	European Union	MCAS	Marine Corps Air Station
FAA	Federal Aviation Administration	МСВ	Marine Corps Base
FAR	Federal Acquisition Regulation	MCL	Maximum Contaminant Level
FFA	Federal Facility Agreement	MCLB	Marine Corps Logistics Base
FFID	Federal Facility Identifier	MCRAD	Military Cultural Resources Analysis Database
FFS	Focused Feasibility Study	MDA	Missile Defense Agency
FGS	Final Governing Standards	MDNC	Mission Dependent, Not Critical
FISC	Fleet Industrial Supply Center	MEC	Munitions and Explosives of Concern
FMR	Financial Management Regulation	MEK	Methyl Ethyl Ketone
FOSL	Finding of Suitability to Lease	MilCon	Military Construction
FOST	Finding of Suitability to Transfer	MMRP	Military Munitions Response Program
FP	Fire Pit	MNA	Monitored Natural Attenuation
FPTA	Fire Pit Training Area	MOA	Memorandum of Agreement
FS	Feasibility Study	MOU	Memorandum of Understanding
FT	Fire Training	MRA	Munitions Response Area
FTA	Fire Training Area	MRS	Munitions Response Site
FUDS	Formerly Used Defense Site	MRSPP	Munitions Response Site Prioritization Protocol
FY	Fiscal Year	MTBE	Methyl Tertiary Butyl Ether
GIS	Geographic Information System	NAF	Naval Air Facility
НАР	Hazardous Air Pollutant	NALEMP	Native American Lands Environmental Mitigation Program
HAZMAT	Hazardous Material	NAS	Naval Air Station
HQMC	Headquarters, Marine Corps	NASA	National Aeronautics and Space Administration
HRS	Hazard Ranking System	NAVFAC	Naval Facilities Engineering Command
HTRW	Hazardous, Toxic, and Radioactive Waste	NAWC	Naval Air Warfare Center
IAG	Interagency Agreement	-	

NAWS	Naval Air Weapons Station	PA	Preliminary Assessment
NCAW	Net Chemical Agent Weight	PAH	Polyaromatic Hydrocarbons
NCE	Non-contributing element of	Pb	Lead
	NHL/NRL/NRE district	PBC	Performance-Based Contracting
NCS	Naval Communication Station	РСВ	Polychlorinated Biphenyl
NDAA	National Defense Authorization Act	PM	Particulate Matter
NEPA	National Environmental Policy Act	POL	Petroleum, Oil, and Lubricants
NEV	Not yet evaluated	POTW	Publicly Owned Treatment Works
NFRAP	No Further Remedial Action Planned	PP	Proposed Plan
NHLC	Contributing element to a national historic landmark district	PRAP	Proposed Remedial Action Plan
NHLI	Individually listed national historic landmark	PROC	Procurement
NHO	Native Hawaiian Organizations	PRP	Potentially Responsible Party
NHPA	National Historic Preservation Act	QRP	Qualified Recycling Program
NIM	Natural Infrastructure Management	RAB	Restoration Advisory Board
NHPA	National Historic Preservation Act	RAC	Remedial Action Construction
NO <sub>x</sub>	Nitrogen Oxide	RA-C	Risk Assessment Code
NPDES	National Pollution Discharge Elimination System	RACR	Remedial Action Completion Report
NPL	National Priorities List	RA-O	Remedial Action Operation
NRC	Nuclear Regulatory Commission	RAP	Remedial Action Plan
NREC	Eligible as a contributing element to an eligible National Register district	RC	Response Complete
		RCRA	Resource Conservation and Recovery Act
NREI	Individually eligible for the National Register	RDT&E	Research, Development, Testing, and Evaluation
NRLC	Contributing element to a National	RDX	Royal Demolition eXplosive
NRLI	Register district Individually-listed on the National Register	REPI	Readiness and Environmental Protection Initiative
NS	Naval Station	RFA	RCRA Facility Assessment
NSWC	Naval Surface Warfare Center	RFI	RCRA Facility Investigation
NSY	Naval Shipyard	RI	Remedial Investigation
NTC	Naval Training Center	RIP	Remedy in Place
NWIRP	Naval Weapons Industrial Reserve Plant	ROD	Record of Decision
NWS	Naval Weapons Station	RRSE	Relative Risk Site Evaluation
O&M	Operations and Maintenance	RSE	Removal Site Evaluation
O <sub>3</sub>	Ozone	SAIA	Sikes Act Improvement Act
OB/OD	Open Burning/Open Detonation	SARA	Superfund Amendments and
OSD	Office of the Secretary of Defense		Reauthorization Act
OU	Operable Unit	SDWA	Safe Drinking Water Act

**SERDP** Strategic Environmental Research and

**Development Program** 

SI Site Inspection

Sulfur Dioxide SO<sub>2</sub>

SS Spill Site

**SSPP** Strategic Sustainability Performance Plan

**SVE** Soil Vapor Extraction

Semivolatile Organic Compounds **SVOC** 

**SWMU** Solid Waste Management Unit

Trichloroethylene TCE

Trinitrotoluene TNT

TRI **Toxics Release Inventory** 

**TSCA** Toxic Substances Control Act

**USACE** U.S. Army Corps of Engineers

U.S.C. **United States Code** 

**USDA** U.S. Department of Agriculture

**USD(AT&L)** Under Secretary of Defense for Acquisition,

Technology, and Logistics

**USFWS** U.S. Fish and Wildlife Service

**USGS** U.S. Geological Survey

UST **Underground Storage Tank** 

UXO **Unexploded Ordnance** 

Volatile Organic Compound VOC

WP Waste Pit Appendix A: Acronyms

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# C Reporting Requirements

### **Chapter 1: Defense Environmental Funding**

- 10 U.S.C. §2706(a), (b)
- 16 U.S.C. §670(a)
- Public Law 107-64 §131

### **Chapter 2: Natural Resources**

- 10 U.S.C. §2706(b)
- 16 U.S.C. §670(a)

### **Chapter 3: Cultural Resources**

• 10 U.S.C. §2706(b)

### **Chapter 4: Compliance**

• 10 U.S.C. §2706(b)

### **Chapter 5: Pollution Prevention**

- 10 U.S.C. §2706(b)
- · 42 U.S.C. §6962
- Public Law 111-8 §3(b)

### **Chapter 6: Restoration**

- 10 U.S.C. §2702
- 10 U.S.C. §2706(a)
- 42 U.S.C. §9620
- Public Law 107-64 §131
- Public Law 109-364 §313

### **Appendix E: IRP/MMRP Status Tables**

- 10 U.S.C. §2706(a)
- 42 U.S.C. §9620(e)
- 42 U.S.C. §9621(c)
- Public Law 107-64 §131(a)

### **Appendix F: Restoration Narratives**

- 10 U.S.C. §2702
- 10 U.S.C. §2706(a)
- 42 U.S.C. §9620(e)
- 42 U.S.C. §9621(c)
- Public Law 107-64 §131

### DoD Components Backup Data

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1.	Defense Environmental Funding
2.	Natural Resources Program Performance / Sikes Act Improvement Act
3.	Cultural Resources Program Performance
4.	Compliance Program Performance
5.	Pollution Prevention Program Performance
6.	Restoration Program Performance

### Section 1. Defense Environmental Funding

Figure D-1.1 Natural and Cultural Resources Budget Summary (Millions of Dollars)\*

Army	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	N/A	\$53.0	\$63.2	\$60.1	\$88.8	\$54.3	\$64.0
Education and Training <sup>†</sup>	N/A	\$0.0	\$0.6	\$0.9	\$1.4	\$1.0	\$1.1
Other Recurring	\$12.5	\$16.1	\$78.3	\$67.0	\$98.7	\$57.4	\$69.3
Total	\$12.5	\$69.1	\$142.1	\$128.0	\$188.9	\$112.7	\$134.4
Nonrecurring							
Threatened & Endangered Species	\$3.0	\$3.7	\$10.8	\$20.6	\$30.6	\$16.2	\$20.3
Wetlands	\$1.8	\$2.3	\$2.9	\$3.2	\$4.7	\$2.5	\$3.1
Other Natural Resources	\$41.0	\$45.6	\$9.6	\$12.4	\$18.4	\$9.7	\$12.2
Historical & Cultural Resources	\$33.4	\$45.9	\$11.8	\$16.2	\$24.5	\$14.1	\$17.2
Total	\$79.2	\$97.5	\$35.0	\$52.4	\$78.2	\$42.5	\$52.8
Total Recurring	\$12.5	\$69.1	\$142.1	\$128.0	\$188.9	\$112.7	\$134.4
Total Nonrecurring	\$79.2	\$97.5	\$35.0	\$52.4	\$78.2	\$42.5	\$52.8
Total	\$91.7	\$166.6	\$177.1	\$180.4	\$267.1	\$155.2	\$187.3

Navy	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$0.0	\$0.0	\$2.6	\$2.8	\$3.0	\$3.3	\$3.3
Education and Training <sup>†</sup>	\$0.0	\$0.0	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1
Other Recurring	\$10.7	\$11.6	\$11.0	\$12.9	\$19.8	\$16.9	\$32.6
Total	\$10.7	\$11.6	\$13.7	\$15.7	\$22.9	\$20.2	\$36.0
Nonrecurring							
Threatened & Endangered Species	\$1.2	\$0.6	\$1.9	\$1.4	\$3.2	\$3.5	\$3.6
Wetlands	\$0.7	\$0.3	\$0.4	\$0.4	\$0.8	\$0.9	\$2.4
Other Natural Resources	\$1.1	\$0.8	\$1.8	\$1.8	\$2.8	\$6.9	\$4.9
Historical & Cultural Resources	\$1.0	\$0.9	\$4.5	\$4.8	\$4.6	\$4.6	\$4.7
Total	\$4.1	\$2.6	\$8.7	\$8.5	\$11.4	\$16.0	\$15.7
Total Recurring	\$10.7	\$11.6	\$13.7	\$15.7	\$22.9	\$20.2	\$36.0
Total Nonrecurring	\$4.1	\$2.6	\$8.7	\$8.5	\$11.4	\$16.0	\$15.7
Total	\$14.7	\$14.2	\$22.4	\$24.2	\$34.3	\$36.2	\$51.7

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

**Figure D-1.1, cont.** Natural and Cultural Resources Budget Summary (Millions of Dollars)\*

Marine Corps	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$0.0	\$7.7	\$8.7	\$7.7	\$7.4	\$7.4	\$9.9
Education and Training <sup>†</sup>	\$0.0	\$0.1	\$0.1	\$0.1	\$0.2	\$0.2	\$0.2
Other Recurring	\$4.9	\$5.2	\$8.7	\$4.7	\$4.4	\$4.3	\$4.2
Total	\$4.9	\$13.1	\$17.5	\$12.5	\$12.0	\$11.9	\$14.3
Nonrecurring							
Threatened & Endangered Species	\$2.3	\$5.9	\$2.8	\$2.2	\$2.6	\$2.6	\$2.6
Wetlands	\$0.7	\$0.3	\$0.1	\$0.3	\$0.5	\$0.5	\$0.5
Other Natural Resources	\$3.6	\$2.6	\$2.7	\$2.5	\$3.0	\$3.1	\$3.2
Historical & Cultural Resources	\$2.9	\$3.8	\$4.8	\$2.5	\$2.5	\$2.3	\$2.6
Total	\$9.5	\$12.6	\$10.4	\$7.6	\$8.5	\$8.4	\$8.9
Total Recurring	\$4.9	\$13.1	\$17.5	\$12.5	\$12.0	\$11.9	\$14.3
Total Nonrecurring	\$9.5	\$12.6	\$10.4	\$7.6	\$8.5	\$8.4	\$8.9
Total	\$14.4	\$25.7	\$27.9	\$20.1	\$20.5	\$20.4	\$23.2

Air Force	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	N/A	\$15.0	\$17.3	\$17.4	\$17.1	\$20.3	\$19.9
Education and Training <sup>†</sup>	N/A	\$1.1	\$0.8	\$0.8	\$0.8	\$0.8	\$0.7
Other Recurring	\$21.4	\$18.4	\$26.2	\$22.2	\$20.7	\$22.8	\$20.7
Total	\$21.4	\$34.6	\$44.3	\$40.3	\$38.5	\$44.0	\$41.3
Nonrecurring							
Threatened & Endangered Species	\$0.5	\$0.6	\$0.5	\$1.5	\$0.3	\$0.9	\$0.6
Wetlands	\$0.3	\$1.8	\$3.7	\$1.9	\$1.0	\$1.4	\$0.8
Other Natural Resources	\$5.9	\$7.1	\$8.3	\$9.4	\$6.4	\$8.4	\$6.0
Historical & Cultural Resources	\$9.2	\$4.9	\$16.9	\$14.8	\$10.9	\$10.2	\$8.5
Total	\$16.0	\$14.3	\$29.4	\$27.6	\$18.6	\$20.9	\$15.8
Total Recurring	\$21.4	\$34.6	\$44.3	\$40.3	\$38.5	\$44.0	\$41.3
Total Nonrecurring	\$16.0	\$14.3	\$29.4	\$27.6	\$18.6	\$20.9	\$15.8
Total	\$37.3	\$48.9	\$73.7	\$67.9	\$57.2	\$64.9	\$57.2

<sup>\*</sup> Subtotals may not add to totals due to rounding.

 $<sup>\ \, + \ \, \</sup>text{Prior to FY07, DoD reported all Manpower and Education \& Training funds under the Compliance Program.}$ 

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Natural and Cultural Resources Budget Summary (Millions of Dollars)\* Figure D-1.1, cont.

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DLA	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Education and Training <sup>†</sup>	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Recurring	\$0.0	\$0.1	\$0.0	\$0.0	\$0.0	\$0.1	\$0.1
Total	\$0.0	\$0.1	\$0.0	\$0.0	\$0.0	\$0.1	\$0.1
Nonrecurring							
Threatened & Endangered Species	\$0.1	\$0.2	\$0.4	\$0.3	\$0.1	\$0.3	\$0.3
Wetlands	\$0.0	\$0.0	\$0.5	\$0.1	< \$0.05	< \$0.05	< \$0.05
Other Natural Resources	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.2	\$0.1
Historical & Cultural Resources	\$0.1	\$0.1	\$0.1	\$0.4	\$0.2	\$0.2	\$0.2
Total	\$0.3	\$0.4	\$1.2	\$0.8	\$0.4	\$0.7	\$0.6
Total Recurring	\$0.0	\$0.1	\$0.0	\$0.0	\$0.0	\$0.1	\$0.1
Total Nonrecurring	\$0.3	\$0.4	\$1.2	\$0.8	\$0.4	\$0.7	\$0.6
Total	\$0.3	\$0.5	\$1.2	\$0.8	\$0.4	\$0.8	\$0.7

Other Defense-wide (excluding DLA)	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Education and Training <sup>†</sup>	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Recurring	\$0.2	\$0.3	\$0.2	\$0.6	\$0.7	\$0.6	\$0.1
Total	\$0.2	\$0.3	\$0.2	\$0.6	\$0.7	\$0.6	\$0.1
Nonrecurring							
Threatened & Endangered Species	\$0.2	< \$0.05	< \$0.05	< \$0.05	< \$0.05	\$0.3	< \$0.05
Wetlands	\$0.1	< \$0.05	\$0.1	< \$0.05	< \$0.05	< \$0.05	< \$0.05
Other Natural Resources	\$42.8	\$40.9	\$48.1	\$53.7	\$55.1	\$44.8	\$57.6
Historical & Cultural Resources	\$2.1	\$2.5	\$2.1	\$2.1	\$2.0	\$2.2	\$2.0
Total	\$45.4	\$43.4	\$50.3	\$55.9	\$57.2	\$47.4	\$59.6
Total Recurring	\$0.2	\$0.3	\$0.2	\$0.6	\$0.7	\$0.6	\$0.1
Total Nonrecurring	\$45.4	\$43.4	\$50.3	\$55.9	\$57.2	\$47.4	\$59.6
Total	\$45.5	\$43.7	\$50.5	\$56.5	\$57.9	\$47.9	\$59.7

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

**Figure D-1.2** Compliance Budget Summary (Millions of Dollars)\*

Army	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$224.4	\$177.4	\$150.3	\$159.2	\$150.2	\$178.0	\$169.9
Education and Training <sup>†</sup>	\$11.6	\$11.1	\$15.5	\$14.1	\$14.7	\$17.5	\$17.0
Permits & Fees	\$7.9	\$8.3	\$20.5	\$11.5	\$10.6	\$13.0	\$12.1
Sampling, Analysis, Monitoring	\$14.5	\$15.0	\$13.4	\$14.2	\$13.2	\$15.7	\$15.2
Waste Disposal	\$16.9	\$17.6	\$32.1	\$30.0	\$28.9	\$34.2	\$32.9
Other Recurring Funding	\$27.9	\$24.8	\$115.8	\$94.6	\$103.2	\$116.4	\$113.6
Total	\$303.2	\$254.2	\$347.6	\$323.6	\$320.7	\$374.7	\$360.7
Nonrecurring							
Hazardous Waste	\$26.0	\$26.8	\$2.7	\$5.9	\$5.7	\$6.3	\$6.0
Solid Waste	\$7.1	\$7.5	\$1.6	\$1.3	\$1.4	\$1.7	\$1.6
Underground Storage Tank	\$10.5	\$11.0	\$9.4	\$1.5	\$1.3	\$1.4	\$1.4
Clean Air Act	\$7.3	\$7.7	\$2.3	\$2.8	\$2.5	\$3.0	\$2.8
Clean Water Act	\$37.7	\$65.2	\$10.0	\$6.2	\$5.8	\$6.7	\$6.4
Planning	\$19.2	\$19.4	\$9.3	\$3.6	\$3.7	\$4.3	\$4.3
Safe Drinking Water Act	\$18.1	\$17.5	\$1.2	\$1.8	\$1.7	\$2.0	\$1.9
Other	\$111.8	\$84.7	\$91.4	\$62.7	\$58.3	\$68.8	\$71.3
Total	\$237.6	\$239.8	\$127.9	\$85.8	\$80.4	\$94.2	\$95.8
Total Recurring	\$303.2	\$254.2	\$347.6	\$323.6	\$320.7	\$374.7	\$360.7
Total Nonrecurring	\$237.6	\$239.8	\$127.9	\$85.8	\$80.4	\$94.2	\$95.8
Total	\$540.8	\$494.0	\$475.4	\$409.4	\$401.1	\$469.0	\$456.5

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Compliance Budget Summary (Millions of Dollars)\* Figure D-1.2, cont.

Navy	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$113.6	\$108.8	\$118.8	\$131.8	\$138.1	\$142.4	\$147.1
Education and Training <sup>†</sup>	\$3.9	\$3.7	\$4.3	\$3.1	\$3.7	\$4.5	\$4.9
Permits & Fees	\$4.0	\$3.6	\$3.8	\$4.1	\$3.9	\$4.3	\$5.6
Sampling, Analysis, Monitoring	\$13.6	\$12.7	\$27.0	\$13.7	\$13.7	\$14.4	\$15.2
Waste Disposal	\$40.0	\$43.7	\$41.1	\$41.5	\$41.1	\$44.7	\$46.8
Other Recurring Funding	\$91.4	\$88.3	\$89.6	\$88.0	\$59.4	\$77.0	\$72.7
Total	\$266.5	\$260.7	\$284.6	\$282.2	\$259.8	\$287.3	\$292.2
Nonrecurring							
Hazardous Waste	\$4.4	\$4.4	\$7.1	\$7.6	\$9.8	\$7.6	\$8.5
Solid Waste	\$1.6	\$1.1	\$28.7	\$0.8	\$0.9	\$1.3	\$2.3
Underground Storage Tank	\$2.7	\$3.4	\$2.3	\$2.7	\$1.3	\$1.5	\$2.1
Clean Air Act	\$29.7	\$27.7	\$19.6	\$24.0	\$27.1	\$27.3	\$22.9
Clean Water Act	\$25.0	\$15.0	\$19.3	\$31.9	\$16.5	\$15.1	\$39.2
Planning	\$5.0	\$6.2	\$4.9	\$6.0	\$6.4	\$4.2	\$8.9
Safe Drinking Water Act	\$1.1	\$1.6	\$0.9	\$2.0	\$1.5	\$2.2	\$2.9
Other	\$25.4	\$29.6	\$26.8	\$33.3	\$13.6	\$12.8	\$17.4
Total	\$95.0	\$89.0	\$109.7	\$108.1	\$77.2	\$72.1	\$104.3
Total Recurring	\$266.5	\$260.7	\$284.6	\$282.2	\$259.8	\$287.3	\$292.2
Total Nonrecurring	\$95.0	\$89.0	\$109.7	\$108.1	\$77.2	\$72.1	\$104.3
Total	\$361.5	\$349.6	\$394.3	\$390.3	\$337.0	\$359.4	\$396.5

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Compliance Budget Summary (Millions of Dollars)\* Figure D-1.2, cont.

Marine Corps	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$33.4	\$17.0	\$22.8	\$26.3	\$28.7	\$28.2	\$28.5
Education and Training <sup>†</sup>	\$1.4	\$1.2	\$2.4	\$2.0	\$2.6	\$2.5	\$2.2
Permits & Fees	\$1.7	\$1.5	\$1.3	\$1.4	\$1.6	\$1.5	\$1.4
Sampling, Analysis, Monitoring	\$5.0	\$4.7	\$4.1	\$4.5	\$4.9	\$5.8	\$4.9
Waste Disposal	\$6.4	\$6.3	\$6.1	\$6.0	\$7.4	\$8.4	\$7.9
Other Recurring Funding	\$7.2	\$13.9	\$9.7	\$10.6	\$12.2	\$13.2	\$16.6
Total	\$55.1	\$44.6	\$46.4	\$50.8	\$57.4	\$59.5	\$61.5
Nonrecurring							
Hazardous Waste	\$2.3	\$8.4	\$10.1	\$10.4	\$7.7	\$8.6	\$11.2
Solid Waste	\$3.6	\$1.3	\$14.7	\$11.4	\$7.3	\$2.7	\$9.9
Underground Storage Tank	\$1.4	\$0.6	\$2.3	\$2.3	\$2.3	\$2.6	\$2.7
Clean Air Act	\$1.2	\$0.6	\$4.4	\$3.1	\$3.3	\$3.3	\$1.8
Clean Water Act	\$64.1	\$57.2	\$15.0	\$19.1	\$17.4	\$19.0	\$17.8
Planning	\$0.9	\$0.5	\$0.8	\$26.4	\$17.0	\$16.7	\$17.2
Safe Drinking Water Act	\$1.4	\$3.7	\$8.7	\$59.0	\$6.5	\$6.5	\$6.6
Other	\$3.9	\$10.3	\$6.2	\$6.5	\$6.2	\$6.5	\$7.5
Total	\$78.8	\$82.7	\$62.3	\$138.2	\$67.6	\$65.8	\$74.7
Total Recurring	\$55.1	\$44.6	\$46.4	\$50.8	\$57.4	\$59.5	\$61.5
Total Nonrecurring	\$78.8	\$82.7	\$62.3	\$138.2	\$67.6	\$65.8	\$74.7
Total	\$133.9	\$127.3	\$108.7	\$189.0	\$125.0	\$125.3	\$136.1

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Compliance Budget Summary (Millions of Dollars)\* Figure D-1.2, cont.

Air Force	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$132.1	\$88.1	\$89.7	\$91.1	\$103.9	\$120.8	\$127.8
Education and Training <sup>†</sup>	\$6.9	\$4.1	\$4.0	\$4.1	\$4.0	\$3.1	\$2.7
Permits & Fees	\$5.9	\$6.2	\$6.2	\$6.3	\$6.4	\$4.5	\$4.2
Sampling, Analysis, Monitoring	\$19.2	\$20.1	\$19.7	\$20.5	\$20.4	\$16.7	\$15.9
Waste Disposal	\$12.6	\$14.0	\$13.9	\$14.1	\$14.3	\$11.9	\$11.1
Other Recurring Funding	\$72.4	\$76.2	\$61.1	\$64.2	\$61.1	\$53.3	\$40.7
Total	\$249.1	\$208.7	\$194.5	\$200.4	\$210.0	\$210.3	\$202.3
Nonrecurring							
Hazardous Waste	\$22.2	\$20.1	\$24.3	\$23.9	\$31.5	\$28.4	\$26.0
Solid Waste	\$2.6	\$2.0	\$3.2	\$2.1	\$2.8	\$3.9	\$3.2
Underground Storage Tank	\$7.9	\$7.3	\$9.0	\$9.8	\$13.6	\$11.5	\$10.1
Clean Air Act	\$10.0	\$10.1	\$13.2	\$10.1	\$15.2	\$18.3	\$17.7
Clean Water Act	\$25.6	\$25.0	\$24.1	\$19.1	\$31.8	\$38.2	\$39.2
Planning	\$11.3	\$10.6	\$16.5	\$14.7	\$17.7	\$23.2	\$20.3
Safe Drinking Water Act	\$7.7	\$5.4	\$8.9	\$5.3	\$8.5	\$11.7	\$9.9
0ther	\$20.3	\$13.8	\$19.1	\$26.2	\$23.7	\$22.3	\$34.6
Total	\$107.6	\$94.3	\$118.3	\$111.3	\$144.9	\$157.5	\$161.0
Total Recurring	\$249.1	\$208.7	\$194.5	\$200.4	\$210.0	\$210.3	\$202.3
Total Nonrecurring	\$107.6	\$94.3	\$118.3	\$111.3	\$144.9	\$157.5	\$161.0
Total	\$356.8	\$303.0	\$312.8	\$311.7	\$354.9	\$367.9	\$363.3

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Compliance Budget Summary (Millions of Dollars)\* Figure D-1.2, cont.

DLA	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$23.4	\$20.7	\$21.5	\$20.2	\$24.1	\$22.5	\$23.1
Education and Training <sup>†</sup>	\$0.6	\$1.1	\$0.9	\$0.8	\$0.3	\$1.2	\$1.2
Permits & Fees	\$2.4	\$1.1	\$2.5	\$2.9	\$3.0	\$2.8	\$2.8
Sampling, Analysis, Monitoring	\$3.4	\$4.2	\$2.6	\$2.7	\$3.0	\$2.7	\$2.7
Waste Disposal	\$5.2	\$5.3	\$4.4	\$5.0	\$4.1	\$4.4	\$4.5
Other Recurring Funding	\$9.9	\$10.8	\$13.2	\$11.9	\$13.4	\$14.8	\$15.8
Total	\$45.0	\$43.2	\$45.2	\$43.5	\$47.8	\$48.4	\$50.2
Nonrecurring							
Hazardous Waste	\$0.2	\$1.4	\$0.0	\$0.1	\$0.0	< \$0.05	< \$0.05
Solid Waste	\$0.0	< \$0.05	\$0.0	\$0.0	\$0.0	< \$0.05	< \$0.05
Underground Storage Tank	\$0.9	\$1.8	\$2.3	\$2.4	\$2.3	\$3.1	\$3.1
Clean Air Act	\$0.2	\$0.5	\$0.0	\$0.2	\$0.0	\$0.2	\$0.2
Clean Water Act	\$28.5	\$46.5	\$68.9	\$72.1	\$138.4	\$72.2	\$65.6
Planning	\$1.0	\$1.0	\$2.5	\$2.2	\$1.9	\$3.1	\$3.0
Safe Drinking Water Act	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.3	\$0.3
Other	\$16.2	\$4.4	\$29.8	\$32.6	\$26.8	\$31.1	\$31.2
Total	\$46.9	\$55.5	\$103.6	\$109.6	\$169.4	\$109.9	\$103.3
Total Recurring	\$45.0	\$43.2	\$45.2	\$43.5	\$47.8	\$48.4	\$50.2
Total Nonrecurring	\$46.9	\$55.5	\$103.6	\$109.6	\$169.4	\$109.9	\$103.3
Total	\$91.9	\$98.8	\$148.7	\$153.1	\$217.2	\$158.3	\$153.5

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Compliance Budget Summary (Millions of Dollars)\* Figure D-1.2, cont.

Other Defense-wide (Excluding DLA)	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$15.9	\$20.8	\$19.6	\$19.5	\$14.4	\$15.9	\$15.5
Education and Training <sup>†</sup>	\$2.6	\$0.3	\$0.6	\$1.3	\$1.0	\$1.3	\$1.2
Permits & Fees	\$0.7	\$0.4	\$0.3	\$0.4	\$0.4	\$0.4	\$0.2
Sampling, Analysis, Monitoring	\$2.7	\$2.3	\$0.7	\$1.0	\$2.5	\$4.7	\$3.8
Waste Disposal	\$7.1	\$5.3	\$7.1	\$7.8	\$7.5	\$7.6	\$7.8
Other Recurring Funding	\$3.4	\$1.9	\$3.5	\$5.8	\$7.1	\$7.3	\$6.1
Total	\$32.3	\$31.0	\$31.9	\$35.7	\$32.9	\$37.3	\$34.5
Nonrecurring							
Hazardous Waste	\$4.9	\$3.6	\$1.7	\$2.2	\$1.4	\$0.4	\$0.8
Solid Waste	\$0.5	\$0.3	\$0.2	\$0.3	\$0.5	\$0.2	\$0.1
Underground Storage Tank	\$1.3	\$0.4	\$0.5	\$0.7	\$0.2	\$0.3	\$0.2
Clean Air Act	\$1.4	\$0.8	\$1.2	\$0.7	\$0.7	\$0.8	\$0.5
Clean Water Act	\$0.9	\$2.2	\$0.4	\$2.5	\$1.1	\$2.9	\$2.7
Planning	\$3.3	\$4.6	\$4.2	\$3.9	\$4.1	\$6.4	\$4.0
Safe Drinking Water Act	\$0.0	\$0.8	\$0.5	\$0.4	\$0.3	\$0.2	\$0.2
Other	\$13.2	\$14.5	\$13.7	\$13.2	\$15.9	\$0.9	\$1.8
Total	\$25.4	\$27.1	\$22.4	\$23.9	\$24.3	\$12.2	\$10.2
Total Recurring	\$32.3	\$31.0	\$31.9	\$35.7	\$32.9	\$37.3	\$34.5
Total Nonrecurring	\$25.4	\$27.1	\$22.4	\$23.9	\$24.3	\$12.2	\$10.2
Total	\$57.7	\$58.1	\$54.2	\$59.7	\$57.2	\$49.5	\$44.7

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

**Figure D-1.3** Pollution Prevention Budget Summary (Millions of Dollars)\*

Army	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	N/A	\$12.4	\$9.0	\$8.2	\$6.2	\$8.5	\$11.7
Education & Training <sup>†</sup>	N/A	\$0.0	< \$0.05	\$0.3	\$0.2	\$0.3	\$0.5
Other Recurring	\$8.5	\$9.1	\$10.6	\$8.3	\$6.0	\$8.0	\$12.2
Total	\$8.5	\$21.5	\$19.6	\$16.8	\$12.5	\$16.8	\$24.5
Nonrecurring							
Hazardous Waste	\$0.9	\$0.9	\$1.0	\$0.4	\$0.3	\$0.5	\$0.6
Solid Waste	\$1.0	\$1.0	\$0.5	\$0.4	\$0.3	\$0.4	\$0.7
Clean Air Act	\$0.1	\$0.1	\$0.1	< \$0.05	< \$0.05	< \$0.05	< \$0.05
Clean Water Act	\$0.6	\$0.5	\$0.3	< \$0.05	< \$0.05	< \$0.05	\$0.0
HAZMAT Reduction	\$2.3	\$2.5	\$6.3	\$4.9	\$4.9	\$4.9	\$4.4
Other	\$4.2	\$4.3	\$0.8	\$0.6	\$0.7	\$0.6	\$0.4
Total	\$9.2	\$9.3	\$9.0	\$6.4	\$6.2	\$6.4	\$6.0
Total Recurring	\$8.5	\$21.5	\$19.6	\$16.8	\$12.5	\$16.8	\$24.5
Total Nonrecurring	\$9.2	\$9.3	\$9.0	\$6.4	\$6.2	\$6.4	\$6.0
Total	\$17.7	\$30.7	\$28.7	\$23.2	\$18.7	\$23.2	\$30.5

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Pollution Prevention Budget Summary (Millions of Dollars)\* Figure D-1.3, cont.

Navy	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring	'						
Manpower <sup>†</sup>	\$0.0	\$0.2	\$0.3	\$0.3	\$0.2	\$0.3	\$0.3
Education & Training <sup>†</sup>	\$0.0	<\$0.05	<\$0.05	<\$0.05	<\$0.05	< \$0.05	< \$0.05
Other Recurring	\$17.5	\$10.8	\$10.3	\$12.0	\$9.4	\$12.2	\$7.8
Total	\$17.5	\$11.0	\$10.6	\$12.3	\$9.6	\$12.5	\$8.1
Nonrecurring							
Hazardous Waste	\$0.9	\$1.0	\$0.1	\$0.1	< \$0.05	\$0.1	< \$0.05
Solid Waste	\$1.4	\$0.5	< \$0.05	< \$0.05	\$0.2	\$0.3	\$0.0
Clean Air Act	\$1.2	\$0.7	\$0.0	< \$0.05	\$0.0	\$0.0	\$0.0
Clean Water Act	\$1.1	\$1.1	\$0.8	\$0.8	\$0.0	< \$0.05	< \$0.05
HAZMAT Reduction	\$3.2	\$2.1	\$0.3	\$0.4	\$0.1	\$0.4	\$0.3
Other	\$4.8	\$3.7	\$2.8	\$3.3	\$2.8	\$3.3	\$0.9
Total	\$12.6	\$9.0	\$4.1	\$4.6	\$3.2	\$4.1	\$1.2
Total Recurring	\$17.5	\$11.0	\$10.6	\$12.3	\$9.6	\$12.5	\$8.1
Total Nonrecurring	\$12.6	\$9.0	\$4.1	\$4.6	\$3.2	\$4.1	\$1.2
Total	\$30.2	\$20.0	\$14.6	\$16.9	\$12.8	\$16.6	\$9.3

Marine Corps	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	\$0.0	\$4.7	\$6.4	\$5.5	\$6.0	\$6.1	\$6.0
Education & Training <sup>†</sup>	\$0.0	\$0.1	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2
Other Recurring	\$3.5	\$4.4	\$3.8	\$4.5	\$4.1	\$4.1	\$4.9
Total	\$3.5	\$9.2	\$10.3	\$10.2	\$10.3	\$10.4	\$11.1
Nonrecurring							
Hazardous Waste	\$1.0	\$0.9	\$0.8	\$1.0	\$0.9	\$1.0	\$1.0
Solid Waste	\$0.9	\$0.0	\$0.2	\$0.2	\$0.2	\$0.2	\$0.2
Clean Air Act	\$0.4	< \$0.05	< \$0.05	\$1.7	\$1.3	\$0.2	\$0.2
Clean Water Act	\$3.3	\$2.4	\$1.8	\$3.8	\$3.6	\$4.4	\$4.6
HAZMAT Reduction	\$0.7	\$0.1	\$0.1	\$0.2	\$0.2	\$0.2	\$0.5
Other	\$3.2	\$0.5	\$2.4	\$2.3	\$3.4	\$3.3	\$3.8
Total	\$9.5	\$4.0	\$5.3	\$9.3	\$9.7	\$9.3	\$10.3
Total Recurring	\$3.5	\$9.2	\$10.3	\$10.2	\$10.3	\$10.4	\$11.1
Total Nonrecurring	\$9.5	\$4.0	\$5.3	\$9.3	\$9.7	\$9.3	\$10.3
Total	\$13.0	\$13.2	\$15.5	\$19.5	\$19.9	\$19.7	\$21.3

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Pollution Prevention Budget Summary (Millions of Dollars)\* Figure D-1.3, cont.

Air Force	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	N/A	\$12.0	\$10.7	\$10.0	\$13.2	\$12.5	\$11.9
Education & Training <sup>†</sup>	N/A	\$1.7	\$2.0	\$1.9	\$0.8	\$1.1	\$1.0
Other Recurring	\$24.1	\$21.8	\$22.5	\$22.9	\$8.4	\$14.0	\$7.4
Total	\$24.1	\$35.5	\$35.2	\$34.8	\$22.4	\$27.6	\$20.3
Nonrecurring							
Hazardous Waste	\$4.8	\$2.8	\$4.0	\$2.3	\$2.7	\$4.1	\$3.2
Solid Waste	\$2.2	\$0.9	\$1.6	\$1.1	\$1.1	\$1.4	\$0.9
Clean Air Act	\$4.3	\$2.4	\$3.3	\$1.5	\$1.3	\$2.4	\$1.8
Clean Water Act	\$12.7	\$5.9	\$9.6	\$6.1	\$4.7	\$5.9	\$4.4
HAZMAT Reduction	\$1.6	\$1.1	\$1.3	\$1.3	\$0.7	\$1.6	\$1.3
Other	\$7.9	\$3.4	\$4.5	\$3.3	\$3.2	\$4.1	\$2.7
Total	\$33.6	\$16.6	\$24.2	\$15.6	\$13.6	\$19.4	\$14.1
Total Recurring	\$24.1	\$35.5	\$35.2	\$34.8	\$22.4	\$27.6	\$20.3
Total Nonrecurring	\$33.6	\$16.6	\$24.2	\$15.6	\$13.6	\$19.4	\$14.1
Total	\$57.7	\$52.1	\$59.4	\$50.5	\$36.0	\$47.0	\$34.5

DLA	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Education & Training †	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Recurring	\$0.0	\$1.0	\$0.4	\$0.4	\$0.3	\$0.6	\$0.3
Total	\$0.0	\$1.0	\$0.4	\$0.4	\$0.3	\$0.6	\$0.3
Nonrecurring							
Hazardous Waste	\$0.0	\$0.0	< \$0.05	\$0.0	\$0.0	< \$0.05	< \$0.05
Solid Waste	\$0.0	\$0.2	\$0.2	< \$0.05	< \$0.05	\$0.1	\$0.1
Clean Air Act	\$0.0	< \$0.05	\$0.0	< \$0.05	\$0.1	\$0.1	\$0.4
Clean Water Act	\$0.1	\$1.7	\$0.1	\$0.0	< \$0.05	< \$0.05	\$0.1
HAZMAT Reduction	\$4.4	\$4.4	\$0.0	\$0.1	\$0.0	\$0.1	\$0.1
Other	\$0.0	\$4.5	\$0.3	\$0.1	< \$0.05	\$0.1	\$0.1
Total	\$4.5	\$10.8	\$0.5	\$0.2	\$0.2	\$0.5	\$0.9
Total Recurring	\$0.0	\$1.0	\$0.4	\$0.4	\$0.3	\$0.6	\$0.3
Total Nonrecurring	\$4.5	\$10.8	\$0.5	\$0.2	\$0.2	\$0.5	\$0.9
Total	\$4.5	\$11.8	\$0.9	\$0.6	\$0.5	\$1.1	\$1.2

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Pollution Prevention Budget Summary (Millions of Dollars)\* Figure D-1.3, cont.

Other Defense-wide (Excluding DLA)	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Recurring							
Manpower <sup>†</sup>	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Education & Training †	N/A	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Recurring	\$1.7	\$1.5	\$1.9	\$1.6	\$1.9	\$2.2	\$5.8
Total	\$1.7	\$1.5	\$1.9	\$1.6	\$1.9	\$2.2	\$5.8
Nonrecurring							
Hazardous Waste	\$0.2	\$0.2	\$0.1	\$0.1	\$0.1	\$1.2	\$0.2
Solid Waste	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1
Clean Air Act	\$0.1	\$0.1	< \$0.05	< \$0.05	< \$0.05	\$0.2	\$0.1
Clean Water Act	< \$0.05	< \$0.05	< \$0.05	< \$0.05	< \$0.05	< \$0.05	< \$0.05
HAZMAT Reduction	\$0.1	\$0.3	\$0.0	\$0.0	\$0.0	\$0.6	\$0.1
Other	\$0.1	\$0.1	\$0.0	\$1.9	\$1.2	\$2.9	\$1.2
Total	\$0.5	\$0.7	\$0.2	\$2.1	\$1.4	\$5.0	\$1.7
Total Recurring	\$1.7	\$1.5	\$1.9	\$1.6	\$1.9	\$2.2	\$5.8
Total Nonrecurring	\$0.5	\$0.7	\$0.2	\$2.1	\$1.4	\$5.0	\$1.7
Total	\$2.1	\$2.3	\$2.2	\$3.7	\$3.3	\$7.2	\$7.5

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Prior to FY07, DoD reported all Manpower and Education & Training funds under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

**Figure D-1.4** Restoration Budget Summary (Millions of Dollars)\*

Army	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
ER							
Management	\$53.8	\$56.4	\$65.5	\$58.1	\$69.1	\$145.2	\$48.2
Investigation	\$47.5	\$61.0	\$52.0	\$83.1	\$164.5	\$125.4	\$67.0
Cleanup	\$242.6	\$236.3	\$253.6	\$216.0	\$153.6	\$133.4	\$201.7
Long-term Management	\$51.3	\$49.2	\$66.3	\$44.6	\$49.1	\$40.5	\$29.0
Total	\$395.3	\$402.8	\$437.4	\$401.8	\$436.3	\$444.6	\$346.0
IRP	\$378.8	\$372.9	\$396.2	\$337.3	\$327.8	\$330.9	\$268.7
MMRP	\$16.4	\$29.9	\$41.2	\$64.6	\$108.5	\$113.7	\$77.3
Total	\$395.3	\$402.8	\$437.4	\$401.8	\$436.3	\$444.6	\$346.0
BRAC							
Management	\$11.0	\$15.4	\$15.2	\$24.5	\$11.5	\$17.7	\$16.2
Investigation	\$10.6	\$96.2	\$13.8	\$42.7	\$11.9	\$15.7	\$11.8
Cleanup	\$58.9	\$10.2	\$56.6	\$35.0	\$66.2	\$64.5	\$75.1
Long-term Management	\$10.8	\$2.8	\$6.3	\$3.7	\$29.3	\$10.6	\$5.9
Planning, Compliance, and Other $^{\dagger}$	\$54.2	\$11.1	\$22.8	\$21.1	\$165.7	\$33.4	\$69.4
Total	\$145.6	\$135.7	\$114.7	\$127.1	\$284.6	\$141.9	\$178.4
IRP	\$65.8	\$70.6	\$58.1	\$51.4	\$86.7	\$72.5	\$67.5
MMRP	\$25.5	\$54.0	\$33.8	\$54.5	\$32.3	\$36.1	\$41.5
Planning, Compliance, and Other <sup>†</sup>	\$54.2	\$11.1	\$22.8	\$21.1	\$165.7	\$33.4	\$69.4
Total	\$145.6	\$135.7	\$114.7	\$127.1	\$284.6	\$141.9	\$178.4

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds planning and compliance costs.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Figure D-1.4, cont. Restoration Budget Summary (Millions of Dollars)\*

Navy and Marine Corps <sup>§</sup>	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
ER							
Management	\$49.0	\$48.8	\$48.3	\$52.6	\$62.9	\$56.9	\$61.1
Investigation	\$72.7	\$63.3	\$62.9	\$71.7	\$63.7	\$69.0	\$59.8
Cleanup	\$161.7	\$177.5	\$173.3	\$155.0	\$140.2	\$159.5	\$164.6
Long-term Management	\$12.5	\$12.1	\$28.4	\$15.6	\$18.9	\$19.5	\$23.2
Total	\$295.9	\$301.7	\$312.9	\$294.9	\$285.7	\$304.9	\$308.7
IRP	\$253.3	\$252.9	\$261.2	\$245.5	\$247.7	\$249.5	\$245.0
MMRP	\$42.6	\$48.8	\$51.7	\$49.4	\$38.0	\$55.4	\$63.7
Total	\$295.9	\$301.7	\$312.9	\$294.9	\$285.7	\$304.9	\$308.7
BRAC							
Management	\$30.2	\$23.8	\$28.2	\$13.8	\$22.9	\$23.3	\$32.0
Investigation	\$40.1	\$26.5	\$34.5	\$29.5	\$23.5	\$11.4	\$12.8
Cleanup	\$176.2	\$113.1	\$241.2	\$193.1	\$164.2	\$123.6	\$172.0
Long-term Management	\$10.0	\$31.4	\$5.7	\$5.5	\$14.1	\$7.1	\$7.2
Planning, Compliance, and Other <sup>†</sup>	\$23.1	\$46.6	(\$30.8)	\$11.2	\$12.2	\$2.5	\$2.3
Total	\$279.5	\$241.4	\$278.7	\$253.1	\$236.9	\$168.0	\$226.3
IRP	\$249.7	\$187.2	\$284.3	\$221.8	\$215.2	\$145.6	\$176.9
MMRP	\$6.8	\$7.6	\$25.2	\$20.0	\$9.5	\$19.9	\$47.1
Planning, Compliance, and Other <sup>†</sup>	\$23.1	\$46.6	(\$30.8)	\$11.2	\$12.2	\$2.5	\$2.3
Total	\$279.5	\$241.4	\$278.7	\$253.1	\$236.9	\$168.0	\$226.3

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds planning and compliance costs.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

<sup>§</sup> Navy and Marine Corps are reported together under the Department of the Navy in the corresponding budget documents.

Restoration Budget Summary (Millions of Dollars)\* Figure D-1.4, cont.

Air Force	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
ER							
Management	\$41.9	\$39.4	\$45.0	\$49.2	\$87.6	\$79.9	\$78.9
Investigation	\$104.9	\$84.2	\$81.9	\$127.4	\$150.1	\$88.3	\$87.7
Cleanup§	\$244.0	\$261.6	\$307.8	\$299.4	\$236.2	\$315.1	\$322.1
Long-term Management	\$10.3	\$16.3	\$21.4	\$19.2	\$20.6	\$19.4	\$36.8
Total	\$401.1	\$401.5	\$456.2	\$495.3	\$494.3	\$502.7	\$525.5
IRP	\$387.9	\$382.9	\$414.9	\$387.8	\$393.7	\$455.6	\$416.1
MMRP	\$13.1	\$18.6	\$41.3	\$107.4	\$100.6	\$47.1	\$109.3
Total	\$401.1	\$401.5	\$456.2	\$495.3	\$494.3	\$502.7	\$525.5
BRAC							
Management	\$29.0	\$22.5	\$27.3	\$18.3	\$28.4	\$28.7	\$27.9
Investigation	\$13.5	\$10.5	\$12.6	\$22.1	\$26.3	\$2.3	\$0.0
Cleanup	\$62.6	\$70.0	\$73.2	\$65.7	\$64.2	\$93.9	\$64.1
Long-term Management	\$4.9	\$5.0	\$7.1	\$7.6	\$6.7	\$20.1	\$23.8
Planning, Compliance, and Other <sup>†</sup>	\$33.2	\$21.4	\$21.8	\$30.1	\$15.5	\$2.8	\$0.3
Total	\$143.2	\$129.5	\$141.9	\$143.7	\$141.2	\$147.8	\$116.2
IRP	\$110.0	\$107.9	\$118.3	\$112.3	\$123.1	\$140.6	\$115.8
MMRP	\$0.0	\$0.2	\$1.8	\$1.4	\$2.5	\$4.4	\$0.0
Planning, Compliance, and Other <sup>†</sup>	\$33.2	\$21.4	\$21.8	\$30.1	\$15.5	\$2.8	\$0.3
Total	\$143.2	\$129.5	\$141.9	\$143.7	\$141.2	\$147.8	\$116.2

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds planning and compliance costs.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

<sup>§</sup> Includes building demolition/debris removal costs.

Restoration Budget Summary (Millions of Dollars)\* Figure D-1.4, cont.

DLA	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
ER							
Management	\$3.8	\$2.2	\$2.2	\$2.0	\$2.7	\$1.8	\$1.8
Investigation	\$5.0	\$1.2	\$1.2	\$0.9	\$1.1	\$0.3	\$0.0
Cleanup	\$9.7	\$7.5	\$7.7	\$4.5	\$7.9	\$5.0	\$5.2
Long-term Management	\$0.0	\$0.2	\$0.3	\$0.5	\$0.5	\$0.4	\$0.5
Total	\$18.5	\$11.0	\$11.3	\$7.9	\$12.2	\$7.5	\$7.4
IRP	\$18.5	\$11.0	\$11.3	\$7.9	\$12.2	\$7.5	\$7.4
MMRP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$18.5	\$11.0	\$11.3	\$7.9	\$12.2	\$7.5	\$7.4
BRAC							
Management	\$0.8	\$1.0	\$2.1	\$1.1	\$0.8	\$0.0	\$0.0
Investigation	\$0.0	\$0.4	\$0.3	\$0.4	\$0.0	\$0.0	\$0.0
Cleanup	\$4.2	\$4.6	\$1.2	\$3.1	\$2.8	\$0.0	\$0.0
Long-term Management	\$0.1	\$0.0	\$0.0	\$0.1	\$0.3	\$0.0	\$0.0
Planning, Compliance, and Other $^{\dagger}$	\$0.0	\$0.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$5.0	\$6.2	\$3.6	\$4.7	\$4.0	\$0.0	\$0.0
IRP	\$5.0	\$6.0	\$3.6	\$4.7	\$4.0	\$0.0	\$0.0
MMRP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Planning, Compliance, and Other <sup>†</sup>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$5.0	\$6.0	\$3.6	\$4.7	\$4.0	\$0.0	\$0.0

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Other may include revenue gained from land sales or execution of prior year funding. Negative values indicate years in which revenue or the execution of prior year funding exceeds planning and compliance costs.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

Restoration Budget Summary (Millions of Dollars)\* Figure D-1.4, cont.

FUDS	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
ER							
Management	\$34.9	\$36.1	\$37.3	\$30.5	\$35.0	\$32.5	\$37.5
Investigation	\$109.5	\$109.6	\$127.3	\$121.1	\$149.6	\$115.2	\$94.9
Cleanup <sup>†</sup>	\$111.6	\$110.1	\$115.6	\$130.7	\$139.4	\$124.4	\$140.3
Long-term Management	\$6.8	\$7.0	\$6.4	\$8.4	\$9.4	\$4.5	\$3.8
Total	\$262.8	\$262.8	\$286.7	\$290.7	\$333.3	\$276.6	\$276.5
IRP	\$162.1	\$144.3	\$153.9	\$167.6	\$164.5	\$187.4	\$181.6
MMRP	\$100.6	\$118.5	\$132.8	\$123.1	\$168.8	\$89.1	\$94.9
Total	\$262.8	\$262.8	\$286.7	\$290.7	\$333.3	\$276.6	\$276.5

Other Defense-wide	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
ER							
Management	\$3.1	\$3.3	\$3.5	\$3.5	\$3.0	\$3.3	\$3.3
Investigation	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Cleanup	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Long-term Management	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$3.1	\$3.3	\$3.5	\$3.5	\$3.0	\$3.3	\$3.3
IRP	\$3.1	\$3.3	\$3.5	\$3.5	\$3.0	\$3.3	\$3.3
MMRP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$3.1	\$3.3	\$3.5	\$3.5	\$3.0	\$3.3	\$3.3

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Includes building demolition/debris removal costs.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

**Figure D-1.5** Overseas Budget Summary (Millions of Dollars)

	FY06 Actual	FY07 Actual	FY08 Actual	FY09 Actual	FY10 Actual	FY11 Estimated <sup>‡</sup>	FY12 Requested
Army			<u> </u>			<u> </u>	
Cleanup <sup>†</sup>	\$11.1	\$4.7	\$18.1	\$16.4	\$16.6	\$19.0	\$25.9
Compliance	\$40.1	\$43.7	\$53.9	\$48.7	\$46.3	\$54.2	\$61.0
Pollution Prevention	\$2.3	\$3.8	\$3.1	\$2.7	\$1.9	\$2.5	\$4.1
Natural and Cultural Resources	\$4.1	\$10.2	\$5.4	\$6.2	\$9.2	\$4.8	\$6.1
Total	\$54.5	\$57.7	\$62.4	\$57.6	\$57.4	\$61.6	\$71.2
Navy							
Cleanup <sup>†</sup>	\$0.0	\$5.0	\$0.9	\$0.3	\$0.2	\$0.0	\$0.0
Compliance	\$18.9	\$20.6	\$40.2	\$35.5	\$20.0	\$19.6	\$26.0
Pollution Prevention	\$1.7	\$1.5	\$0.2	\$0.2	< \$0.05	< \$0.05	< \$0.05
Natural and Cultural Resources	\$0.6	\$0.5	\$0.3	\$0.1	\$0.3	\$0.4	\$1.4
Total	\$21.2	\$27.6	\$41.6	\$36.1	\$20.5	\$20.0	\$27.4
Marine Corps							
Cleanup <sup>†</sup>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Compliance	\$6.9	\$3.9	\$3.9	\$4.6	\$4.2	\$4.2	\$4.3
Pollution Prevention	\$1.3	\$1.6	\$1.7	\$1.7	\$1.9	\$1.8	\$1.8
Natural and Cultural Resources	\$0.9	\$1.4	\$1.3	\$1.4	\$1.5	\$1.6	\$1.5
Total	\$9.1	\$6.9	\$6.9	\$7.7	\$7.6	\$7.6	\$7.6
Air Force							
Cleanup <sup>†</sup>	\$13.0	\$15.4	\$6.5	\$12.0	\$29.9	\$17.4	\$13.9
Compliance	\$28.3	\$36.9	\$40.9	\$47.6	\$60.3	\$51.9	\$50.0
Pollution Prevention	\$5.9	\$4.6	\$6.5	\$4.7	\$4.1	\$4.7	\$3.0
Natural and Cultural Resources	\$2.7	\$2.2	\$5.1	\$4.2	\$3.5	\$4.0	\$1.2
Total	\$49.9	\$43.7	\$52.6	\$56.5	\$67.9	\$60.6	\$54.2
Defense-wide*							
Cleanup†	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Compliance	\$22.4	\$17.1	\$10.7	\$9.9	\$9.9	\$12.7	\$11.7
Pollution Prevention	\$1.8	\$1.3	\$10.7	\$1.3	\$1.4	\$12.7	\$5.0
Natural and Cultural Resources	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$24.2	\$18.4	\$11.5	\$11.2	\$11.3	\$14.3	\$16.6
iotai	24.2	710.4	21115	711.2	\$11.5	217.5	0.01¢
DoD Total	\$158.9	\$154.4	\$175.1	\$169.0	\$164.8	\$164.0	\$177.1
* Includes DLA	7130.3	717-1-1	11/2/1	7105.0	7104.0	7104.0	¥1// <sub>1</sub> 1

<sup>\*</sup> Includes DLA.

<sup>†</sup> Overseas cleanup activities are funded under the Compliance Program.

<sup>‡</sup> Because of the lack of Appropriations Acts, the Comptroller estimated the Fiscal Year (FY) 2011 amounts based on the FY11 President's Budget request, with an adjustment to match the annualized Continuing Resolution funding level by appropriation.

### Section 2. Natural Resources Program Performance / Sikes Act Improvement Act

Figure D-2.1 Natural Resources Program Performance

Army	FY06	FY07	FY08	FY09	FY10
Installations Requiring INRMPs	177	172	157	157	157
Number of INRMPs Complete	173	169	154	98	93
Percent of INRMPs Complete	98%	98%	98%	62%	59%
INRMP Spending (Millions of Dollars)	\$71.8	\$71.4	\$89.7	\$125.2	\$107.9
Navy	FY06	FY07	FY08	FY09	FY10
Installations Requiring INRMPs	78	78	71	75	72
Number of INRMPs Complete	72	78	57	71	70
Percent of INRMPs Complete	92%	100%	80%	95%	97%
INRMP Spending (Millions of Dollars)	\$8.9	\$6.1	\$10.1	\$21.9	\$14.3
Marine Corps	FY06	FY07	FY08	FY09	FY10
Installations Requiring INRMPs	17	17	17	17	17
Number of INRMPs Complete	15	16	16	16	17
Percent of INRMPs Complete	88%	94%	94%	94%	100%
INRMP Spending (Millions of Dollars)	\$12.2	\$14.2	\$16.5	\$17.3	\$15.4
Air Force	FY06	FY07	FY08	FY09	FY10
Installations Requiring INRMPs	109	104	96	92	92
Number of INRMPs Complete	92	75	67	67	85
Percent of INRMPs Complete	84%	72%	70%	73%	92%
INRMP Spending (Millions of Dollars)	\$24.2	\$29.1	\$28.2	\$23.5	\$23.4
DLA	FY06	FY07	FY08	FY09	FY10
Installations Requiring INRMPs	2	2	2	2	2
Number of INRMPs Complete	2	2	1	1	1
Percent of INRMPs Complete	100%	100%	50%	50%	50%
INRMP Spending (Millions of Dollars)	\$0.2	\$0.2	\$0.4	\$0.2	\$0.2
DoD Totals	FY06	FY07	FY08	FY09	FY10
Installations Requiring INRMPs	383	373	343	343	340
Number of INRMPs Complete	354	340	295	253	266
Percent of INRMPs Complete	92%	91%	86%	74%	78%
INRMP Spending (Millions of Dollars)	\$117.2	\$121.0	\$144.8	\$188.1	\$161.3

Figure D-2.2 Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Army			
89th Regional Readiness Command (Kingsbury LTA, IN;IL;MI;MN;OH;WI)	IN	3-08	\$619,811
89th Regional Readiness Command (Sunflower LTA KS, Atchison SSF KS, Mead LTA NE)	KS	8-08	\$619,811
99th Regional Readiness Command HQ (Keystone LTA [Formerly Geneva LTA])	PA	6-08	\$619,811
Aberdeen Proving Ground (AA)	MD	6-09	\$5,499,169
AKARNG (Stewart River Training Area)	AK	6-01	\$113,475
ALARNG (Pelham Range [Formerly Fort McClellan])	AL	10-07	\$321,929
Anniston Army Depot	AL	5-09	\$135,000
ARARNG (Camp J.T. Johnson)	AR	10-05	\$264,508
ARARNG (Fort Chaffee MTC)	AR	9-09	\$264,508
AZARNG (Camp Navajo)	AZ	10-01	\$376,674
AZARNG (Florence Military Reservation)	AZ	10-08	\$376,674
Blue Grass Army Depot	KY	3-08	\$25,000
CAARNG (Camp Roberts Training Site MTC-H)	CA	2-07	\$233,457
CAARNG (Camp San Luis Obispo)	CA	2-07	\$233,457
CAARNG (Santa Cruz)	CA	2-07	\$233,457
Camp Curtis Guild	MA	3-09	\$0
CSTC (Fort Hunter Liggett and Camp Parks)	CA	5-09	\$619,811
CTARNG (Camp Hartell, Camp Rell, East Haven Rifle Range, Stones Ranch MIL RESV)	СТ	8-09	\$60,750
DEARNG (Bethany Beach Training Site)	DE	10-07	\$4,125
DEARNG (New Castle Rifle Range/Training Site)	DE	10-07	\$4,125
Deseret Chemical Depot	UT	11-07	\$750,000
Devens Reserve Forces Training Area	MA	12-08	\$619,811
FLARNG (Camp Blanding)	FL	8-09	\$251,266
FLARNG (Miramar-Snake Creek Training Site)	FL	7-09	\$251,267
Fort A.P. Hill	VA	5-08	\$1,377,184

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Army, cont.			
Fort Belvoir	VA	6-09	\$980,227
Fort Benning	GA	7-06	\$2,739,204
Fort Bliss	TX	5-09	\$6,986,226
Fort Bragg	NC	11-01	\$2,416,530
Fort Buchanan	PR	6-05	\$45,000
Fort Campbell	KY	9-09	\$953,351
Fort Carson (Includes Pinyon Canyon Maneuver Site)	CO	9-09	\$2,922,759
Fort Detrick	MD	6-09	\$74,899
Fort Dix	NJ	7-08	\$619,811
Fort Drum	NY	7-09	\$979,467
Fort George G. Meade	MD	1-04	\$520,461
Fort Gordon	GA	9-08	\$555,659
Fort Greely	AK	9-07	\$290,711
Fort Hood	TX	10-08	\$2,424,887
Fort Huachuca	AZ	10-07	\$1,444,346
Fort Jackson	SC	8-07	\$1,065,536
Fort Knox	KY	3-08	\$555,443
Fort Leavenworth	KS	9-09	\$239,748
FortLee	VA	1-98	\$596,307
Fort Leonard Wood	MO	2-09	\$486,815
Fort Lewis	WA	2-07	\$3,552,361
Fort McCoy	WI	2-06	\$2,373,148
Fort Polk	LA	11-08	\$783,389
Fort Richardson	AK	10-08	\$1,287,298
Fort Riley	KS	9-07	\$2,887,777
Fort Rucker	AL	8-09	\$454,241
Fort Sam Houston (Includes Camp Bullis)	TX	2-08	\$1,271,188
Fort Sill	OK	6-07	\$2,012,250

Figure D-2.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Army, cont.			
Fort Stewart (Includes Hunter AAF)	GA	3-09	\$4,291,791
Fort Story	VA	12-08	\$330,700
Fort Wainwright	AK	10-08	\$2,615,531
Hawthorne Army Ammunition Plant	NV	3-09	\$1,000
HIARNG (Keaukaha Military Reservation—Hilo, Kekaha Rifle WETS, Ukumehame, Waiawa Gulch/Pearl City)	Н	9-09	\$358,195
Holston Army Ammunition Plant	TN	5-01	\$96,000
IAARNG (Camp Dodge Training Site)	IA	10-07	\$117,548
IDARNG (Orchard Range Training Site)	ID	2-09	\$658,439
ILARNG (Marseilles)	IL	10-09	\$173,812
ILARNG (Sparta Training Site)	IL	10-09	\$173,813
INARNG (Atterbury Training Site/Camp Atterbury)	IN	10-07	\$557,342
Iowa Army Ammunition Plant	IA	3-09	\$957,000
KSARNG (Smokey Hill Training Area, Salina)	KS	11-01	\$96,675
KYARNG (Artemus)	KY	9-09	\$121,374
KYARNG (Eastern Kentucky WETS)	KY	9-09	\$121,374
KYARNG (W.H. Ford Regional Training Center)	KY	4-08	\$121,375
LAARNG (Camp Beauregard)	LA	3-06	\$160,186
LAARNG (Camp Minden [Formerly Louisiana Army Ammunition Plant])	LA	9-06	\$160,186
LAARNG (Camp Villere Training Site)	LA	9-06	\$160,186
MAARNG (Camp Edwards)	MA	7-09	\$110,747
McAlester Army Ammunition Plant	ОК	8-09	\$395,000
MEARNG (Caswell Training Site)	ME	5-06	\$66,972
MEARNG (Hollis Plains Training Site)	ME	10-09	\$66,972
MEARNG (Riley-Bog Brook Training Site)	ME	2-07	\$66,972
MIARNG (Camp Grayling)	MI	1-09	\$319,614
MIARNG (Fort Custer Training Center)	MI	3-09	\$319,614

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Army, cont.			
Milan Army Ammunition Plant	TN	11-08	\$378,120
Military Ocean Terminal Sunny Point	NC	1-09	\$425,000
MNARNG (Camp Ripley)	MN	12-08	\$213,790
MNARNG (Twin Cities Army Training Site Arden Hills [Formerly Twin Cities AAP])	MN	3-09	\$213,791
MOARNG (Camp Clark)	MO	10-09	\$79,656
MOARNG (Camp Crowder)	MO	10-09	\$79,656
MOARNG (Macon Training Site)	MO	6-08	\$79,656
MOARNG (Truman Reservoir Training Site)	MO	3-09	\$79,656
MOARNG (Wappapello Training Site)	MO	3-09	\$79,656
MSARNG (Camp Shelby and Camp McCain)	MS	12-07	\$1,546,022
MTARNG (Fort Harrison)	MT	5-09	\$90,427
MTARNG (Limestone Hills Training Range)	MT	5-09	\$90,428
NCARNG (Camp Butner Training Range)	NC	11-07	\$154,494
NDARNG (Camp Grafton)	ND	9-09	\$52,993
NDARNG (Garrison Training Site)	ND	10-09	\$52,993
NDARNG (TS Willison)	ND	10-09	\$52,993
NEARNG (Camp Ashland Training Site)	NE	9-09	\$84,137
NEARNG (Greenlief Training Site [Formerly Hastings TS])	NE	9-09	\$84,137
NEARNG (Mead Training Site)	NE	9-09	\$84,138
Newport Chemical Depot		10-06	\$219,570
NJARNG (Sea Girt Training Center)	NJ	6-06	\$53,765
NMARNG INRMP (Camel Tracks, Carlsbad TS, Roswell TS, Deming TS)	NM	9-09	\$304,165
NTC (Fort Irwin)	CA	9-09	\$6,335,610
NVARNG (Stead Training Site)	NV	7-06	\$237,821
NYARNG (Camp Smith Training Site)	NY	8-09	\$35,463
NYARNG (Guilderland LTA)	NY	8-09	\$35,464
NYARNG (Youngstown Training Site)	NY	9-09	\$35,463

Figure D-2.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Army, cont.			
OHARNG (Camp Perry)	ОН	8-07	\$101,441
OHARNG (Newton Fall TS [Formerly Ravenna Army Ammunition Plant])	ОН	8-09	\$101,442
OKARNG (Camp Gruber Training Site)	OK	6-08	\$777,257
ORANG (Camp Adair/Corvallis)	OR	1-09	\$89,500
ORANG (Camp Rilea)	OR	1-09	\$89,500
ORARNG (Central Oregon Training Site)	OR	1-09	\$89,500
Paarng (Fort Indiantown Gap)	PA	1-06	\$506,999
Picatinny Arsenal (ARDEC)	NJ	1-09	\$659,763
Pohakuloa Training Area	HI	9-09	\$3,409,300
PRARNG (Camp Santiago Training Site)	PR	9-05	\$5,000
Presidio Of Monterey (Includes ORD)	CA	9-08	\$194,603
Pueblo Chemical Depot	СО	5-08	\$50,000
Radford Army Ammunition Plant	VA	6-09	\$50,000
Red River Army Depot (Includes Lonestar AAP-BRAC Installation)	TX	7-07	\$743,408
Redstone Arsenal	AL	4-02	\$1,058,696
RIARNG (Camp Fogarty Training Site)	RI	8-09	\$117,323
Rock Island Arsenal	IL	4-06	\$43,552
SCARNG (Clark Hills Training Site)	SC	7-08	\$230,587
SCARNG (Leesburg Training Site)	SC	7-08	\$230,587
SDARNG (Austin Training Area)	SD	8-09	\$35,250
SDARNG (Camp Rapid MTA/West Camp)	SD	2-09	\$35,250
Sierra Army Depot	CA	10-08	\$20,000
THARNG (Tullahoma Training Site)	TN	8-05	\$94,125
TNARNG (Catoosa Training Site)	TN	10-05	\$94,125
TNARNG (Milan Training Site)	TN	10-05	\$94,125

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Army, cont.			
Tooele Army Depot	UT	4-07	\$30,000
TXARNG (Camp Bowie [State and Federal Lands])	TX	2-09	\$163,831
TXARNG (Camp Maxey and Camp Mabry)	TX	2-09	\$163,831
TXARNG (Camp Swift TS)	TX	2-09	\$163,831
TXARNG (Fort Wolters)	TX	2-09	\$163,831
Umatilla Chemical Depot	OR	1-06	\$240,496
US Army Hawaii-Oahu (Dillingham Military Reservation, Schofield Barracks MR, Kahuku TA, Kawailoa TA, Makua MR)	НІ	9-09	\$12,150,232
US Army Research Laboratory Adelphia (Adelphi Laboratory Center and Blossom Point Research Facility)	MD	5-02	\$104,867
USARC (Joliet LTA)	IL	3-08	\$619,811
UTARNG (Camp Williams/Riverton MTA-L)	UT	5-07	\$208,237
UTARNG (OMS 10B/Saint George)	UT	10-09	\$208,238
VAARNG (Camp Pickett)	VA	11-05	\$650,369
VTARNG (Camp Johnson)	VT	8-01	\$98,044
VTARNG (Ethan Allen Firing Range)	VT	9-08	\$98,044
WAARNG (Camp Murray)	WA	8-09	\$81,751
West Point Military Reservation	NY	3-09	\$363,927
White Sands Missle Range	NM	6-08	\$2,377,830
WIARNG (TS Camp Wismer)	WI	10-09	\$137,233
WVARNG (Camp Dawson, Briery Mtn TA, Pringle Tract, Volkstone TA)	WV	1-09	\$324,055
WYARNG (Camp Guernsey)	WY	8-01	\$129,244
WYARNG (Lander Training Site LTA)	WY	8-01	\$129,244
WYARNG (Lovell LTA)	WY	8-01	\$129,244
WYARNG (Sheridan LTA)	WY	8-01	\$129,244
Yakima Training Center	WA	8-08	\$129,245
Yuma Proving Grounds	AZ	2-08	\$818,464
Army Total			\$107,926,075

**Figure D-2.2, cont.** Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Navy			
Annapolis NSA	MD	1-02	\$80,182
Bayview Det., Carderock NSWC	ID	10-10	N/A
Boardman, NWSTF (BRAC)	OR	6-99	\$55,000
Bremerton, NAVHOSP	WA	2-05	N/A
Brunswick NAS	ME	12-01	N/A
Camp Peary, AFETA	VA	1-05	N/A
Carderock NSF	MD	10-10	\$45,000
Chesapeake Bay Det., NRL	MD	12-08	\$238,500
China Lake, NAWS	CA	9-04	\$441,237
Corona, NWS DET	CA	10-09	N/A
Coronado, Naval Base	CA	4-02	\$1,275,815
Corpus Christi, NAS	TX	9-07	\$6,480
Crane, NSA	IN	11-10	\$537,332
Cutler, NCTAMSLANT DET	ME	Under Development	
Dahlgren, Naval Support Facility	VA	11-08	\$205,110
Dam Neck Annex, NASO	VA	9-08	\$42,480
Dixon, NRTF	CA	6-03	\$25,880
Earle, NWS	NJ	2-02	\$51,500
El Centro, NAF	CA	10-01	\$53,629
Everett, NAVSTA	WA	3-09	N/A
Fallbrook Det., NWS Seal Beach	CA	5-06	\$560,209
Fallon, NAS	NV	6-06	\$145,423
Flagstaff, NAVOBSY	AZ	8-02	\$49,354
Great Lakes Naval Station	IL	11-01	\$72,527
Guam, COMNAVMARIANAS	GU	9-01	\$813,418
Gulfport, NCBC	MS	10-07	\$20,850
Harvey Point, DTA	NC	9-02	N/A
Indian Head, NSF	MD	3-09	\$227,000

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Navy, cont.			
Indian Island NAVMAG	WA	9-09	\$43,000
Jacksonville, NAS	FL	11-01	\$93,911
Jim Creek, NAVRADSTA (T)	WA	3-09	N/A
Key West, NAS	FL	12-07	\$88,998
Keyport, NUWC	WA	10-10	N/A
Kings Bay, NSB	GA	10-10	\$59,200
Kingsville, NAS	TX	9-07	\$108,241
Kitsap, NBK — Bangor	WA	10-10	\$38,582
Lemoore, NAS	CA	6-02	\$229,942
Little Creek, NAB	VA	12-04	\$694,416
Mayport, NAVSTA	FL	10-07	\$63,634
Meridian, NAS	MS	11-07	\$6,000
Mid-South, NSA	TN	1-10	\$97,000
Monterey, NPS	CA	7-01	\$148,774
Naval District Washington (NDW) Complex	DC	7-09	\$127,081
Naval Support Activity Panama City	FL	2-02	\$48,000
New London, NSB	CT	4-04	\$14,000
New Orleans, NAS JRB	LA	11-01	\$169,997
Newport, NAVSTA	RI	11-01	\$48,150
NIOC Sugar Grove WV	WV	5-10	\$6,498
Norfolk-Northwest Annex, NSA	VA	12-05	\$55,645
Oceana, NAS	VA	9-08	\$87,891
Pacific Missile Range Facility	HI	11-10	\$163,400
Patuxent River, NAS	MD	2-02	\$144,138
Patuxent River, NAS — SRRB Bloodsworth Island	MD	9-09	N/A
Pearl Harbor, NAVSTA	HI	1-02	\$165,000
Pensacola, NAS	FL	11-06	\$108,328
Point Loma, Naval Base	CA	5-02	\$416,024

**Figure D-2.2, cont.** Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Navy, cont.			
Point Mugu, NBVC	CA	5-02	\$105,870
Port Hueneme, NBVC	CA	5-02	\$129,475
Portsmouth, NSY — Great Pond Outdoor Center	ME	Under Development	\$0
Puget Sound, FISC	WA	7-09	N/A
Rangeley, NSERE	ME	12-07	N/A
San Clemente Island, NALF	CA	5-02	\$4,666,621
San Diego Bay	CA	3-02	\$213,914
San Diego, Naval Base	CA	4-02	\$259,629
San Diego, Naval Medical Center	CA	5-06	\$52,483
San Nicolas Island, OLF	CA	8-06	\$105,870
San Pedro, DFSP	CA	9-02	\$177,000
Seal Beach, NWS	CA	5-09	\$93,396
Solomons Island, NRC	MD	3-10	N/A
Whidbey Island, NAS	WA	4-96	\$55,000
Whiting Field, NAS	FL	11-06	\$66,845
Yorktown, NWS	VA	10-10	\$166,971
Navy Total			\$14,265,850

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Marine Corps			'
MCAGCC Twentynine Palms	CA	1-10	\$1,439,472
MCAS Beaufort	SC	8-10	\$533,872
MCAS Camp Pendleton	CA	1-10	\$215,000
MCAS Cherry Point	NC	11-06	\$1,159,637
MCAS Miramar	CA	12-09	\$907,871
MCAS Yuma Bmg Range	AZ	9-10	\$603,278
MCB Camp Lejeune	NC	8-10	\$2,793,000
MCB Camp Pendleton	CA	12-10	\$5,554,317
MCB Hawaii	HI	12-08	\$678,259
MCB Quantico	VA	4-10	\$898,000
MCLB Albany	GA	9-10	\$43,000
MCLB Barstow	CA	3-10	\$2,800
MCRC Jacksonville	FL	4-05	\$0
MCRC Syracuse	NY		\$0
MCRD Parris Island	SC	8-10	\$269,100
MCSF Blount Island	FL	7-10	\$183,200
Townsend Range	GA	8-10	\$153,698
Marine Corps Total			\$15,434,504

Figure D-2.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Air Force			
611 ASG ARS Sites	AK	11-07	\$47,422
611 ASG Eareckson Air Force Station	AK	11-07	\$120,000
611 ASG Inactive Sites	AK	9-09	\$0
611 ASG King Salmon Airport	AK	4-08	\$20,000
Altus Air Force Base	OK	9-09	\$0
Andrews AFB (JBA)	MD	6-07	\$110,000
Arnold Air Force Base	TN	12-06	\$1,202,400
Avon Park AF Range	FL	12-98	\$1,473,600
Barksdale AFB	LA	2-08	\$211,635
Barry M. Goldwater Air Force Range	AZ	5-07	\$355,300
Beale Air Force Base	CA	3-08	\$374,340
Bellows Air Force Station	НІ	7-08	\$8,000
Buckley Air Force Base	СО	3-00	\$253,161
Cannon Air Force Base	NM	2-10	\$215,000
Cape Canaveral Air Force Station	FL	10-08	\$1,397,700
Cape Cod Air Force Station	MA	1-07	\$67,684
Charleston Air Force Base	SC	12-08	\$76,000
Cheyenne Mountain Air Force Station	СО	5-08	\$156,300
Clear Air Force Station	AK	2-07	\$51,726
Columbus Air Force Base	MS	12-05	\$0
Davis-Monthan AFB	AZ	6-01	\$8,000
Dobbins Air Reserve Base	GA	9-07	\$47,000
Dyess Air Force Base	TX	12-06	\$53,000
Edwards Air Force Base	CA	8-08	\$450,000
Eglin Air Force Base	FL	2-08	\$3,347,000
Eielson Air Force Base	AK	12-03	\$0
Ellsworth AFB & Badlands Bombing Range	SD	1-06	\$64,300

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Air Force, cont.			
Elmendorf-Richardson Joint Base	AK	6-07	\$117,000
F. E. Warren Air Force Base	WY	6-08	\$242,448
Fairchild Air Force Base	WA	5-05	\$75,000
General Wayne A. Downing Peoria IAP	IL		\$25,000
Goodfellow Air Force Base	TX	5-07	\$0
Grand Forks Air Force Base	ND	3-06	\$687,888
Hanscom Air Force Base	MA	2-10	\$4,000
Hickam AFB, Hickam POL, Kaala, Kokee	HI	12-07	\$0
Hill Air Force Base & Utah Test and Training Range	UT	8-07	\$218,000
Holloman AFB & Oscura Range	NM	10-01	\$84,327
Homestead Air Reserve Base	FL	11-10	\$0
Hurlburt Field	FL	8-08	\$64,000
Jonathan Dickinson Missile Tracking Annex	FL	10-08	\$48,900
Ka'ena Point AFS	HI	1-01	\$109,500
Keesler Air Force Base	MS	1-07	\$50,000
Kingsley Field Air National Guard Base (Klamath Falls)	OR		\$89,951
Kirtland Air Force Base	NM	7-07	\$716,000
Lackland Air Force Base	TX	11-09	\$0
Langley-Eustis Joint Base	VA	2-07	\$76,000
Laughlin Air Force Base	TX	8-01	\$0
Little Rock Air Force Base	AR	1-06	\$605,000
Luke Air Force Base	AZ	3-10	\$0
MacDill Air Force Base	FL	5-10	\$1,799,800
Malabar Transmitter Annex	FL	10-08	\$49,900
Malmstrom Air Force Base	MT	1-08	\$110,000
March Air Reserve Base	CA	12-05	\$0
McConnell Air Force Base	KS	7-05	\$100,000
McEntire Air National Guard Station	SC	8-06	\$138,577

Figure D-2.2, cont. Sikes Act Improvement Act

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Air Force, cont.			
McGuire-Dix-Lakehurst Joint Base	NJ	6-02	\$556,566
Minot AFB	ND	11-02	\$28,000
Moody AFB Grand Bay Range	GA	6-08	\$86,400
Mountain Home AFB, Juniper Butte Range, Saylor Creek Range	ID	1-04	\$146,700
Naval Space Surveillance Field Station Elephant Butte	NM		\$0
Naval Space Surveillance Field Station Gila River	AZ		\$0
Naval Space Surveillance Field Station Lake Kickapoo	TX		\$0
Naval Space Surveillance Field Station San Diego	CA		\$100,869
Nellis AFB and Nevada Test & Training Range	NV	2-10	\$1,453,000
New Boston Air Force Station	NH	1-08	\$145,000
Niagara Falls Air Reserve Station	NY		\$0
Offutt Air Force Base	NE	3-10	\$8,000
Otis Air National Guard Base	MA	12-07	\$0
Patrick Air Force Base	FL	10-08	\$146,100
Peterson Air Force Base	CO	11-07	\$148,135
Pillar Point Air Force Station	CA		\$26,000
Randolph-JBSA	TX	5-09	\$65,049
Robins Air Force Base	GA	9-07	\$58,000
Scott Air Force Base	IL	3-06	\$190,000
Selfridge Air National Guard Base	MI	12-10	\$47,834
Seymour Johnson AFB & Dare County AF Range	NC	7-08	\$368,100
Shaw AFB Poinsette AF Range	SC	11-07	\$327,400
Sheppard Air Force Base	TX	9-10	\$0
Shriever Air Force Base	СО	12-10	\$20,000
Smoky Hill Air Ground Gunnery Range	KS	3-07	\$284,745
Tinker Air Force Base	ОК	10-07	\$419,900
Travis Air Force Base	CA	3-03	\$135,500

Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
Air Force, cont.			
Tyndall Air Force Base	FL	10-07	\$0
US Air Force Academy	CO	9-08	\$641,210
Vance Air Force Base	OK	5-08	\$0
Vandenberg Air Force Base	CA	11-97	\$1,886,550
Volk Field and Harwood Weapons Range	WI	11-08	\$30,000
Wake Island Airfield	НІ	9-08	\$105,000
Warren Grove Air Ground Gunnery Range	NJ	12-06	\$213,651
Westover Air Reserve Base	MA	12-09	\$66,689
Whiteman Air Force Base	MO	3-03	\$8,000
Wright-Patterson Air Force Base	ОН	3-07	\$206,000
Air Force Total			\$23,439,257
Installation Name	State	Most Recent INRMP (Month-YY)	\$ Spent in Current Fiscal Year to Implement INRMP (Actual Dollars)
DLA			
DLA Distribution Depot Susquehanna	PA	9-07	\$10,000
DLA Energy Fuel Supply Point San Pedro	CA	9-02	\$195,000
DLA Total			\$205,000
DoD Total			\$161,270,686

### Section 3. Cultural Resources Program Performance

Figure D-3.1 DoD Cultural Resources: ICRMP Progress

Army	FY06	FY07	FY08	FY09	FY10
Installations requiring ICRMPs	142	144	144	139	136
Installations with complete ICRMPs	131	133	134	132	133
Percent of complete ICRMPs	92%	92%	93%	95%	98%
Navy	FY06	FY07	FY08	FY09	FY10
Installations requiring ICRMPs	66	74	73	73	71
Installations with complete ICRMPs	24	23	21	28	37
Percent of complete ICRMPs	36%	31%	29%	38%	52%
Marine Corps	FY06	FY07	FY08	FY09	FY10
Installations requiring ICRMPs	17	17	17	17	18
Installations with complete ICRMPs	14	15	11	12	11
Percent of complete ICRMPs	82%	88%	65%	71%	61%
Air Force	FY06	FY07	FY08	FY09	FY10
Installations requiring ICRMPs	119	118	130	126	113
Installations with complete ICRMPs	80	81	86	116	113
Percent of complete ICRMPs	67%	69%	66%	92%	100%
DLA	FY06	FY07	FY08	FY09	FY10
Installations requiring ICRMPs	2	2	2	2	2
Installations with complete ICRMPs	2	2	2	2	2
Percent of complete ICRMPs	100%	100%	100%	100%	100%
DoD Totals	FY06	FY07	FY08	FY09	FY10
Installations requiring ICRMPs	346	355	366	357	340
Installations with complete ICRMPs	251	254	254	290	296
Percent of complete ICRMPs	73%	72%	69%	81%	87%

Figure D-3.2 Cultural Resources Metrics per DoDI 4715.16

	FY09	FY10
Curation		
Army		
Compliant curation of archaeological collections and associated records (Cubic Feet)	Not Compliant	Not Compliant
A) Volume of collections requring curation	27,997	28,239
B) Volume of collections curated to 36 CFR Part 79	22,295	22,007
C) Volume of collections acquired during the previous fiscal year	1,519	762
Compliant curation of archaeological collections and associated records (Linear Feet)	Not Compliant	Not Compliant
A) Associated records requiring curation	8,426	7,902
B) Associated records curated to 36 CFR Part 79	7,180	6,961
C) Associated records acquired during the previous fiscal year	60	175
Navy		
Compliant curation of archaeological collections and associated records (Cubic Feet)	Not Compliant*	Not Compliant*
A) Volume of collections requring curation	19,336	19,381
B) Volume of collections curated to 36 CFR Part 79	2,366	2,496
C) Volume of collections acquired during the previous fiscal year	110	130
Compliant curation of archaeological collections and associated records (Linear Feet)	Not Compliant	Not Compliant
A) Associated records requiring curation	1,584	1,606
B) Associated records curated to 36 CFR Part 79	51	85
C) Associated records acquired during the previous fiscal year	28	34
Marine Corps		
Compliant curation of archaeological collections and associated records (Cubic Feet)	Not Compliant*	Not Compliant*
A) Volume of collections requring curation	3,077	3,277
B) Volume of collections curated to 36 CFR Part 79	1,996	2,166
C) Volume of collections acquired during the previous fiscal year	82	119
Compliant curation of archaeological collections and associated records (Linear Feet)	Compliant	Not Compliant
A) Associated records requiring curation	390	530
B) Associated records curated to 36 CFR Part 79	355	381

<sup>\*</sup> Compliant with DoDI 4715.16 if volume of collections not curated in current FY (A-B) is less than or equal to the volume of collections acquired in previous FY (C). Not compliant if (A-B) > C.

	FY09	FY10
Curation		
Air Force		
Compliant curation of archaeological collections and associated records (Cubic Feet)	Compliant*	Compliant*
A) Volume of collections requring curation	5,130	5,198
B) Volume of collections curated to 36 CFR Part 79	4,887	5,198
C) Volume of collections acquired during the previous fiscal year	244	1,427
Compliant curation of archaeological collections and associated records (Linear Feet)	Compliant	Compliant
A) Associated records requiring curation	1,785	1,847
B) Associated records curated to 36 CFR Part 79	1,700	1,847
C) Associated records acquired during the previous fiscal year	85	92
DLA		
Compliant curation of archaeological collections and associated records (Cubic Feet)	Compliant*	Compliant*
A) Volume of collections requring curation	3	3
B) Volume of collections curated to 36 CFR Part 79	3	3
C) Volume of collections acquired during the previous fiscal year	1	0
Compliant curation of archaeological collections and associated records (Linear Feet)	Compliant	Compliant
A) Associated records requiring curation	5	5
B) Associated records curated to 36 CFR Part 79	5	5
C) Associated records acquired during the previous fiscal year	1	0
DoD Total		
Compliant curation of archaeological collections and associated records (Cubic Feet)	Not Compliant*	Not Compliant*
A) Volume of collections requring curation	55,543	56,098
B) Volume of collections curated to 36 CFR Part 79	31,547	31,870
C) Volume of collections acquired during the previous fiscal year	1,956	2,438
Compliant curation of archaeological collections and associated records (Linear Feet)	Not Compliant	Not Compliant
A) Associated records requiring curation	12,190	11,890
B) Associated records curated to 36 CFR Part 79	9,291	9,279
C) Associated records acquired during the previous fiscal year	221	310

**Figure D-3.2, cont.** Cultural Resources Metrics per DoDI 4715.16

	FY09	FY10
Archaeological Survey		
Army		
Number of total acres available for survey	12,953,933	12,780,687
Number of total acres available for survey that have been surveyed for archaeological sites	4,949,297	5,266,973
Percent of acres surveyed for archaeological sites	38%	41%
Navy		
Number of total acres available for survey	1,735,043	1,735,043
Number of total acres available for survey that have been surveyed for archaeological sites	516,841	530,436
Percent of acres surveyed for archaeological sites	30%	31%
Marine Corps		
Number of total acres available for survey	2,107,404	2,126,185
Number of total acres available for survey that have been surveyed for archaeological sites	622,516	647,085
Percent of acres surveyed for archaeological sites	30%	30%
Air Force		
Number of total acres available for survey	N/A	5,228,560
Number of total acres available for survey that have been surveyed for archaeological sites	N/A	2,058,475
Percent of acres surveyed for archaeological sites	N/A	39%
DLA		
Number of total acres available for survey	3,294	3,294
Number of total acres available for survey that have been surveyed for archaeological sites	3,294	3,294
Percent of acres surveyed for archaeological sites	100%	100%
DoD Total		
Number of total acres available for survey	16,799,674*	21,873,769
Number of total acres available for survey that have been surveyed for archaeological sites	6,091,948*	8,506,263
Percent of acres surveyed for archaeological sites	36%	39%

<sup>\*</sup> Excludes Air Force, which did not submit data.

	FY09	FY10
Geographic Information System (GIS) Mapping	F103	FIIV
Army		
Number of recorded archaeological sites (total for all reporting years including current FY) on your installation	N/A	78,520
Number of archaeological sites discovered to date that are mapped into and available through a GIS	N/A	76,471
Percent of archaeological site information reflected in a GIS	N/A	97%
Number of installations that have cultural resources	139	136
Number of installations that have historic properties with Historic Real Propery Asset information reflected in a GIS	90	89
Percent of installations with Historic Real Propery Asset information reflected in a GIS	65%	65%
Navy		
Number of recorded archaeological sites (total for all reporting years including current FY) on your installation	N/A	10,206
Number of archaeological sites discovered to date that are mapped into and available through a GIS	N/A	7,990
Percent of archaeological site information reflected in a GIS	N/A	78%
Number of installations that have cultural resources	73	71
Number of installations that have historic properties with Historic Real Propery Asset information reflected in a GIS	30	30
Percent of installations with Historic Real Propery Asset information reflected in a GIS	41%	42%
Marine Corps		
Number of recorded archaeological sites (total for all reporting years including current FY) on your installation	N/A	5,966
Number of archaeological sites discovered to date that are mapped into and available through a GIS	N/A	4,908
Percent of archaeological site information reflected in a GIS	N/A	82%
Number of installations that have cultural resources	17	18
Number of installations that have historic properties with Historic Real Propery Asset information reflected in a GIS	17	9
Percent of installations with Historic Real Propery Asset information reflected in a GIS	100%	50%

**Figure D-3.2, cont.** Cultural Resources Metrics per DoDI 4715.16

	FY09	FY10
Geographic Information System (GIS) Mapping , cont.		
Air Force		
Number of recorded archaeological sites (total for all reporting years including current FY) on your installation	N/A	16,641
Number of archaeological sites discovered to date that are mapped into and available through a GIS	N/A	16,641
Percent of archaeological site information reflected in a GIS	N/A	100%
Number of installations that have cultural resources	126	113
Number of installations that have historic properties with Historic Real Propery Asset information reflected in a GIS	65	71
Percent of installations with Historic Real Propery Asset information reflected in a GIS	52%	63%
DLA		
Number of recorded archaeological sites (total for all reporting years including current FY) on your installation	N/A	9
Number of archaeological sites discovered to date that are mapped into and available through a GIS	N/A	0
Percent of archaeological site information reflected in a GIS	N/A	0%
Number of installations that have cultural resources	3	3
Number of installations that have historic properties with Historic Real Propery Asset information reflected in a GIS	0	0
Percent of installations with Historic Real Propery Asset information reflected in a GIS	0%	0%
DoD Total		
Number of recorded archaeological sites (total for all reporting years including current FY) on your installation	N/A	111,342
Number of archaeological sites discovered to date that are mapped into and available through a GIS	N/A	106,010
Percent of archaeological site information reflected in a GIS	N/A	95%
Number of installations that have cultural resources	358	341
Number of installations that have historic properties with Historic Real Propery Asset information reflected in a GIS	202	199
Percent of installations with Historic Real Propery Asset information reflected in a GIS	56%	58%

	FY09	FY10
Public Outreach		
Army		
Number of installations with cultural resources	139	136
Number of installations with cultural resources that have a cultural resources public web page or public tours of cultural resources or information in a welcome package for new residents and/or employees and visitors.	63	70
Percent of installations with cultural resources that have public websites, tour programs, or welcome packages	45%	51%
Navy		
Number of installations with cultural resources	73	71
Number of installations with cultural resources that have a cultural resources public web page or public tours of cultural resources or information in a welcome package for new residents and/or employees and visitors.	16	21
$Percent\ of\ installations\ with\ cultural\ resources\ that\ have\ public\ websites,\ tour\ programs,\ or\ welcome\ packages$	22%	30%
Marine Corps		
Number of installations with cultural resources	17	18
Number of installations with cultural resources that have a cultural resources public web page or public tours of cultural resources or information in a welcome package for new residents and/or employees and visitors.	10	6
Percent of installations with cultural resources that have public websites, tour programs, or welcome packages	59%	33%
Air Force		
Number of installations with cultural resources	126	113
Number of installations with cultural resources that have a cultural resources public web page or public tours of cultural resources or information in a welcome package for new residents and/or employees and visitors.	71	99
Percent of installations with cultural resources that have public websites, tour programs, or welcome packages	56%	88%

**Figure D-3.2, cont.** Cultural Resources Metrics per DoDI 4715.16

	FY09	FY10
Public Outreach, cont.		
DLA		
Number of installations with cultural resources	3	3
Number of installations with cultural resources that have a cultural resources public web page or public tours of cultural resources or information in a welcome package for new residents and/or employees and visitors.	1	1
Percent of installations with cultural resources that have public websites, tour programs, or welcome packages	33%	33%
DoD Total		
Number of installations with cultural resources	358	341
Number of installations with cultural resources that have a cultural resources public web page or public tours of cultural resources or information in a welcome package for new residents and/or employees and visitors.	161	197
Percent of installations with cultural resources that have public websites, tour programs, or welcome packages	45%	58%

**Figure D-3.3** Historic Property Data from DoD's Real Property Asset Database

FY09	FY10

Total number of buildings, structures, and linear structures with historical status data element codes "contributing element of National Historic Landmark district" (NHLC), "Individually listed National Historic Landmark" (NHLI), "Contributing element to an eligible National Register district" (NREC), "Individually eligible for the National Register" (NREI), "Eligible as a contributing element to an eligible National Register district" (NRLC), or "Individually listed on the National Register" (NRLI)

Army		
Buildings	13,782	12,819
NHLC	628	546
NHLI	6	6
NREC	8,517	8,104
NREI	3,217	3,160
NRLC	1,386	976
NRLI	28	27
Structures	609	607
NHLC	24	20
NHLI	32	35
NREC	334	331
NREI	170	172
NRLC	45	45
NRLI	4	4
Linear Structures	24	208
NHLC	2	2
NREC	19	198
NREI	3	8
То	tal 14,415	13,634

	FY09	FY10
Total number of buildings, structures, and linear structures with historical status data element codes "contributing element of National Historic Landmark district" (NHLC), "Individually listed National Historic Landmark" (NHLI), "Contributing element to an eligible National Register district" (NREC), "Individually eligible for the National Register" (NREI), "Eligible as a contributing element to an eligible National Register district" (NRLC), or "Individually listed on the National Register" (NRLI), cont.		
Navy		
Buildings	2,122	2,116
NHLC	564	560
NHLI	17	16
NREC	819	816
NREI	442	442
NRLC	272	273
NRLI	8	9
Structures	593	591
NHLC	320	317
NHLI	2	2
NREC	152	153
NREI	86	86
NRLC	30	30
NRLI	3	3
Linear Structures	26	26
NHLC	5	5
NREC	11	11
NREI	9	9
NRLC	1	1
Total	2,741	2,733

Figure D-3.3, cont. Historic Property Data from DoD's Real Property Asset Database

FY09	FY10

Total number of buildings, structures, and linear structures with historical status data element codes "contributing element of National Historic Landmark district" (NHLC), "Individually listed National Historic Landmark" (NHLI), "Contributing element to an eligible National Register district" (NREC), "Individually eligible for the National Register" (NREI), "Eligible as a contributing element to an eligible National Register district" (NRLC), or "Individually listed on the National Register" (NRLI), cont.

Marine Corps			
Buildings		594	591
NHLC		13	13
NHLI		2	2
NREC		331	329
NREI		218	217
NRLC		27	27
NRLI		3	3
Structures		112	112
NHLC		9	9
NREC		61	61
NREI		40	40
NRLI		2	2
Linear Structures		14	14
NHLC		1	1
NREC		12	12
NRLI		1	1
	Total	720	717

	FY09	FY10
Total number of buildings, structures, and linear structures with historical status data element codes "contributing element of National Historic Landmark district" (NHLC), "Individually listed National Historic Landmark" (NHLI), "Contributing element to an eligible National Register district" (NREC), "Individually eligible for the National Register" (NREI), "Eligible as a contributing element to an eligible National Register district" (NRLC), or "Individually listed on the National Register" (NRLI), cont.		
Air Force		
Buildings	2,743	2,858
NHLC	310	312
NHLI	31	30
NREC	1,138	1,096
NREI	1,022	1,184
NRLC	110	109
NRLI	132	127
Structures	1,018	1,159
NHLC	33	32
NHLI	21	11
NREC	338	325
NREI	588	754
NRLC	10	10
NRLI	28	27
Linear Structures	15	232
NHLI	1	1
NREC	1	1
NREI	13	230
Total	3,776	4,249

EV10

**Figure D-3.3, cont.** Historic Property Data from DoD's Real Property Asset Database

	FY09	FY10
Total number of buildings, structures, and linear structures with historical status data element codes "contributing element of National Historic Landmark district" (NHLC), "Individually listed National Historic Landmark" (NHLI), "Contributing element to an eligible National Register district" (NREC), "Individually eligible for the National Register" (NREI), "Eligible as a contributing element to an eligible National Register district" (NRLC), or "Individually listed on the National Register" (NRLI), cont.		
Washington Headquarters Service		
Buildings	1	1
NHLI	1	1
Total	1	1
DoD Total		
Buildings	19,242	18,385
NHLC	1,515	1,431
NHLI	57	55
NREC	10,805	10,345
NREI	4,899	5,003
NRLC	1,795	1,385
NRLI	171	166
Structures	2,332	2,469
NHLC	386	378
NHLI	55	48
NREC	885	870
NREI	884	1,052
NRLC	85	85
NRLI	37	36
Linear Structuress	79	480
NHLC	8	8
NHLI	1	1
NREC	43	222
NREI	25	247
NRLC	1	1
NRLI	1	1
Total	21,653	21,334

	FY08	FY09		
Number of buildings, structures, and linear structures demolished in previous fiscal year with historical status data element codes NHLC, NHLI, NREC, NREI, NRLC, or NRLI				
Army				
Buildings	0	89		
Structures	0	3		
Linear Structures	0	0		
Total	0	92		
Navy				
Buildings	11	16		
Structures	1	4		
Linear Structures	0	0		
Total	12	20		
Air Force				
Buildings	0	34		
Structures	0	4		
Linear Structures	0	0		
Total	0	38		
Washington Headquarters Service				
Buildings	0	0		
Structures	0	0		
Linear Structures	0	0		
Total	0	0		
DoD Total				
Buildings	11	139		
Structures	1	11		
Linear Structures	0	0		
Total	12	150		

Figure D-3.3, cont. Historic Property Data from DoD's Real Property Asset Database

	FY09	FY10	
Number of buildings, structures, and linear structures 50 years or older with historical status data element codes "Determined not Eligible for Listing" (DNE), "Designation Rescinded for NHLI/NHLC/NREI/NREC National Register Property" (DNR), "Eligible for the purposes of a program Alternative" (ELPA), "Non-Contributing Element of NHL/NRE District" (NCE), "Not Yet Evaluated" (NEV), NHLC, NHLI, NREC, NRLC, or NRLI			
Army			
Buildings	54,520	54,094	
DNE	8,726	8,43	
ELPA	18,542	18,469	
NCE	19	2	
NEV	14,473	15,18	
NHLC	611	53.	
NHLI	6		
NREC	8,404	8,00	
NREI	2,451	2,48	
NRLC	1,260	92	
NRLI	28	2	
itructures	16,426	18,16	
DNE	2,434	2,57	
ELPA	3,387	3,35	
NCE	4		
NEV	10,094	11,71	
NHLC	22	1	
NHLI	20	2	
NREC	303	29	
NREI	122	12	
NRLC	36	3	
NRLI	4		
.inear Structures	7,421	7,35	
DNE	505	61	
ELPA	223	22	
NEV	6,670	6,31	
NHLC	2		
NREC	18	19	
NREI	3		
Total	78,367	79,61	

	FY09	FY10		
Number of buildings, structures, and linear structures 50 years or older with historical status data element codes "Determined not Eligible for Listing" (DNE), "Designation Rescinded for NHLI/NHLC/NREI/NREC National Register Property" (DNR), "Eligible for the purposes of a program Alternative" (ELPA), "Non-Contributing Element of NHL/NRL/NRE District" (NCE), "Not Yet Evaluated" (NEV), NHLC, NHLI, NREC, NRLC, or NRLI, cont.				
Navy				
Buildings	18,405	23,428		
DNE	1,470	1,430		
DNR	38	41		
ELPA	7,228	10,141		
NCE	22	22		
NEV	7,536	9,689		
NHLC	562	558		
NHLI	16	15		
NREC	812	809		
NREI	441	441		
NRLC	272	273		
NRLI	8	9		
Structures	8,411	8,905		
DNE	752	744		
DNR	18	26		
ELPA	16	16		
NCE	4	4		
NEV	7,034	7,530		
NHLC	317	314		
NHLI	2	2		
NREC	152	153		
NREI	86	86		
NRLC	27	27		
NRLI	3	3		
Linear Structures	3,136	3,218		
DNE	242	233		
ELPA	1	1		
NEV	2,868	2,959		
NHLC	5	5		
NREC	11	11		
NREI	9	9		
Total	29,952	35,551		

rigure D-3.3, cont.	nistoric Property Data Ironi Dob's Re	ai Property Asset Database	

Number of buildings, structures, and linear structures 50 years or older with historical status data element codes "Determined not Eligible for Listing" (DNE), "Designation Rescinded for NHLI/NHLC/NREI/NREC National Register Property" (DNR), "Eligible for the purposes of a program Alternative" (ELPA), "Non-Contributing Element of NHL/NRL/NRE District" (NCE), "Not Yet Evaluated" (NEV), NHLC, NHLI, NREC, NRLC, or NRLI, cont.

Marine Corps				
Buildings	6,972	7,085		
DNE	1,767	1,611		
DNR	1	1		
ELPA	3,228	3,581		
NEV	1,393	1,312		
NHLC	13	13		
NHLI	2	2		
NREC	321	319		
NREI	217	216		
NRLC	27	27		
NRLI	3	3		
Structures	2,249	2,367		
DNE	414	402		
DNR	1	1		
ELPA	3	2		
NEV	1,733	1,863		
NHLC	9	9		
NREC	47	48		
NREI	40	40		
NRLI	2	2		
Linear Structures	585	629		
DNE	82	83		
ELPA	0	2		
NEV	491	532		
NHLC	1	1		
NREC	10	10		
NRLI	1	1		
Tota	9,806	10,081		

	FY09	FY10	
Number of buildings, structures, and linear structures 50 years or older with historical status data element co "Determined not Eligible for Listing" (DNE), "Designation Rescinded for NHLI/NHLC/NREI/NREC National Regiss Property" (DNR), "Eligible for the purposes of a program Alternative" (ELPA), "Non-Contributing Element of NI NRL/NRE District" (NCE), "Not Yet Evaluated" (NEV), NHLC, NHLI, NREC, NRLC, or NRLI, cont.			
Air Force			
Buildings	14,515	14,733	
DNE	4,137	4,653	
DNR	7	6	
ELPA	2,652	3,247	
NCE	151	188	
NEV	5,414	4,427	
NHLC	300	307	
NHLI	24	24	
NREC	925	939	
NREI	670	743	
NRLC	108	76	
NRLI	127	123	
Structures	7,707	8,189	
DNE	3,649	4,147	
DNR	5	5	
ELPA	9	8	
NCE	77	90	
NEV	3,558	3,525	
NHLC	23	26	
NHLI	1	1	
NREC	244	244	
NREI	110	118	
NRLC	9	4	
NRLI	22	21	
Linear Structures	2,980	3,257	
DNE	1,472	1,667	
NCE	42	48	
NEV	1,452	1,527	
NREC	1	1	
NREI	13	14	
Total	25,202	26,179	

Figure D-3.3, cont. Historic Property Data from DoD's Real Property Asset Database

	Flyon	Five
	FY09	FY10
Number of buildings, structures, and linear struct "Determined not Eligible for Listing" (DNE), "Desi Property" (DNR), "Eligible for the purposes of a pr NRL/NRE District" (NCE), "Not Yet Evaluated" (NEV	gnation Rescinded for NHLI/NHLC/ ogram Alternative" (ELPA), "Non-C	NREI/NREC National Register Contributing Element of NHL/
Washington Headquarters Service		
Buildings	38	37
DNE	25	25
NCE	12	11
NHLI	1	1
Structures	150	149
DNE	33	34
NCE	117	106
NEV	0	9
Linear Structures	56	57
DNE	19	19
NCE	37	37
NEV	0	1
Tot	al 244	243

	FY09	FY10	
Number of buildings, structures, and linear structures 50 years or older with historical status data element codes "Determined not Eligible for Listing" (DNE), "Designation Rescinded for NHLI/NHLC/NREI/NREC National Register Property" (DNR), "Eligible for the purposes of a program Alternative" (ELPA), "Non-Contributing Element of NHL/NRL/NRE District" (NCE), "Not Yet Evaluated" (NEV), NHLC, NHLI, NREC, NRLC, or NRLI, cont.			
DoD Total			
Buildings	94,450	99,377	
DNE	16,125	16,154	
DNR	46	48	
ELPA	31,650	35,438	
NCE	204	241	
NEV	28,816	30,613	
NHLC	1,486	1,413	
NHLI	49	48	
NREC	10,462	10,074	
NREI	3,779	3,882	
NRLC	1,667	1,304	
NRLI	166	162	
Structures	34,943	37,774	
DNE	7,282	7,903	
DNR	24	32	
ELPA	3,415	3,382	
NCE	202	207	
NEV	22,419	24,646	
NHLC	371	367	
NHLI	23	27	
NREC	746	741	
NREI	358	372	
NRLC	72	67	
NRLI	31	30	
Linear Structures	14,178	14,520	
DNE	2,320	2,616	
ELPA	224	227	
NCE	79	85	
NEV	11,481	11,334	
NHLC	8	8	
NREC	40	218	
NREI	25	31	
NRLI	1	1	
Total	143,571	151,671	

		FY09	FY10	
Number of buildings, structures, and linear structures 50 years or older with the historical status data code "Not Yet Evaluated" (NEV)				
Army				
Buildings		14,473	15,185	
Structures		10,094	11,719	
Linear Structures		6,670	6,315	
	Total	31,237	33,219	
Navy				
Buildings		7,536	9,689	
Structures		7,034	7,530	
Linear Structures		2,868	2,959	
	Total	17,438	20,178	
Marine Corps				
Buildings		1,393	1,312	
Structures		1,733	1,863	
Linear Structures		491	532	
	Total	3,617	3,707	
Air Force				
Buildings		5,414	4,427	
Structures		3,558	3,525	
Linear Structures		1,452	1,527	
	Total	10,424	9,479	
WHS				
Buildings		0	0	
Structures		0	9	
Linear Structures		0	1	
	Total	0	10	
DoD Total				
Buildings		28,816	30,613	
Structures		22,419	24,646	
Linear Structures		11,481	11,334	
	Total	62,716	66,593	

## **Section 4.** Compliance Program Performance

Figure D-4.1 Criteria Pollutant Emissions from Stationary Sources (U.S. and Territories & Overseas) (Tons/Year)

Army	CY06	CY07	CY08	CY09
VOCs	6,534	4,576	3,926	3,185
NO <sub>x</sub>	4,789	4,561	3,750	3,596
PM <sub>10</sub>	11,514	3,268	3,061	2,973
PM <sub>2.5</sub>	564	440	383	328
SO <sub>2</sub>	8,191	7,269	5,294	6,374
CO	3,767	2,231	1,529	1,606
Lead	8.69	9.03	12.49	13.38
Navy	CY06	CY07	CY08	CY09
VOCs	1,230	1,117	1,106	1,079
NO <sub>x</sub>	2,169	1,859	1,877	1,846
PM <sub>10</sub>	676	417	342	374
PM <sub>2.5</sub>	146	159	161	134
SO <sub>2</sub>	2,016	1,539	1,211	828
CO	1,149	831	873	828
Lead	2.09	1.20	0.69	2.71
Marine Corps	CY06	CY07	CY08	CY09
VOCs	281	328	400	394
NO <sub>x</sub>	836	845	873	869
PM <sub>10</sub>	81	63	71	70
PM <sub>2.5</sub>	49	32	32	30
SO <sub>2</sub>	1,190	1,128	1,035	1,062
CO	225	231	278	260
Lead	0.30	0.16	0.21	0.16
Air Force	CY06	CY07	CY08	CY09
VOCs	2,918	4,060	3,934	3,997
NO <sub>x</sub>	5,227	6,004	5,648	5,644
PM <sub>10</sub>	1,080	1,362	1,035	1,048
PM <sub>2.5</sub>	215	207	186	280
SO <sub>2</sub>	1,469	1,822	1,519	450
CO	2,658	4,588	4,010	3,693
Lead	0.96	0.87	0.86	0.70

DLA	CY06	CY07	CY08	CY09
VOCs	5	5	3	2
NO <sub>x</sub>	67	61	62	63
PM <sub>10</sub>	7	7	7	7
PM <sub>2.5</sub>	4	5	5	5
SO <sub>2</sub>	130	140	137	147
CO	11	12	12	12
Lead	0.01	0.04	0.00	0.00
DoD Total	CY06	CY07	CY08	CY09
VOCs	10,969	10,085	9,368	8,657
NO <sub>x</sub>	13,088	13,329	12,210	12,018
PM <sub>10</sub>	13,357	5,118	4,515	4,472
PM <sub>2.5</sub>	979	843	767	776
SO <sub>2</sub>	12,996	11,898	9,195	8,862
CO	7,810	7,892	6,701	6,399
Lead	12.04	11.30	14.25	16.95

**Figure D-4.2** Hazardous Air Pollutants from Stationary Sources (U.S. and Territories & Overseas) (Tons/Year)

	CY06	CY07	CY08	CY09
Army	768	811	431	457
Navy	199	129	132	130
Marine Corps	89	112	77	67
Air Force	652	627	584	634
DLA	0.42	0.44	0.26	0.26
DoD Total	1,708	1,680	1,225	1,289

Figure D-4.3 Clean Water Pollution Control Permits Compliant with Clean Water Act (U.S. and Territories)

Army	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Water Pollution Control Permits	828	791	779	742	666
Number of Water Pollution Control Permits in Compliance	807	769	727	687	620
Percent of Water Pollution Control Permits in Compliance	97%	97%	93%	93%	93%
Navy	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Water Pollution Control Permits	385	382	343	291	284
Number of Water Pollution Control Permits in Compliance	346	345	312	260	265
Percent of Water Pollution Control Permits in Compliance	90%	90%	91%	89%	93%
Marine Corps	CY06	CY07	CY08	CY09	First Half
					CY10
Total Number of Water Pollution Control Permits	111	113	109	111	105
	111	113 101	109 95	111 96	
Control Permits  Number of Water Pollution Control					105
Control Permits  Number of Water Pollution Control Permits in Compliance  Percent of Water Pollution Control	104	101	95	96	105 95
Control Permits  Number of Water Pollution Control Permits in Compliance  Percent of Water Pollution Control Permits in Compliance	94%	101 89%	95	96	95 90% First Half
Control Permits  Number of Water Pollution Control Permits in Compliance  Percent of Water Pollution Control Permits in Compliance  Air Force  Total Number of Water Pollution	104 94% CY06	101 89% <b>CY07</b>	95 87% <b>CY08</b>	96 86% <b>CY09</b>	95 90% First Half CY10

DLA	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Water Pollution Control Permits	32	33	29	24	24
Number of Water Pollution Control Permits in Compliance	29	33	28	24	22
Percent of Water Pollution Control Permits in Compliance	91%	100%	97%	100%	92%
DoD Total	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Water Pollution Control Permits	1,750	1,711	1,647	1,567	1,471
Number of Water Pollution Control Permits in Compliance	1,653	1,620	1,528	1,447	1,375
Percent of Water Pollution Control Permits in Compliance	94%	95%	93%	92%	93%

**Figure D-4.4** Facilities Discharging Wastewater Compliant with Final Governing Standards (Overseas)

Army	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Facilities	194	181	173	172	163
Number of Facilities in Compliance	104	133	133	141	148
Percent of Facilities in Compliance	54%	73%	77%	82%	91%
Navy	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Facilities	20	20	17	16	16
Number of Facilities in Compliance	13	16	13	13	12
Percent of Facilities in Compliance	65%	80%	76%	81%	75%
Marine Corps	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Facilities	33	33	2	2	2
Number of Facilities in Compliance	33	33	2	2	2
Percent of Facilities in Compliance	100%	100%	100%	100%	100%
Air Force	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Facilities	49	48	48	50	53
Number of Facilities in Compliance	43	45	45	47	50
Percent of Facilities in Compliance	88%	94%	94%	94%	94%
DLA	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Facilities	0	0	0	0	0
Number of Facilities in Compliance	0	0	0	0	0
Percent of Facilities in Compliance	0%	0%	0%	0%	0%
DoD Total	CY06	CY07	CY08	CY09	First Half CY10
Total Number of Facilities	296	282	240	240	234
Number of Facilities in Compliance	193	227	193	203	212
Percent of Facilities in Compliance	65%	80%	80%	85%	91%

**Figure D-4.5** DoD Component Population Served by DoD Public Water Systems in Compliance with Applicable Requirements (U.S. and Territories & Overseas)

Army	CY06	CY07	CY08	CY09	First Half CY10
Total Population	1,569,845	1,621,789	1,603,376	1,484,456	1,428,719
Population with Compliant Drinking Water	1,422,699	1,505,875	1,371,017	1,452,533	1,414,801
Percent Population with Compliant Drinking Water	91%	93%	86%	98%	99%
Navy	CY06	CY07	CY08	CY09	First Half CY10
Total Population	722,922	791,119	731,609	726,179	719,741
Population with Compliant Drinking Water	683,146	713,437	601,254	627,329	696,535
Percent Population with Compliant Drinking Water	94%	90%	82%	86%	97%
Marine Corps	CY06	CY07	CY08	CY09	First Half CY10
Total Population	285,817	289,559	288,772	290,280	289,188
Population with Compliant Drinking Water	267,055	285,289	256,178	289,001	289,188
Percent Population with Compliant Drinking Water	93%	99%	89%	100%	100%
Air Force	CY06	CY07	CY08	CY09	First Half CY10
Total Population	1,045,466	943,625	934,830	955,806	967,130
Population with Compliant Drinking Water	1,018,952	909,225	934,830	947,256	915,085
Percent Population with					
Compliant Drinking Water	97%	96%	100%	99%	95%
Compliant Drinking Water  DLA	97% CY06	96% <b>CY07</b>	100% <b>CY08</b>	99% <b>CY09</b>	95% First Half CY10
DLA	CY06	CY07	CY08	CY09	First Half CY10
DLA Total Population Population with Compliant	<b>CY06</b> 16,000	<b>CY07</b> 16,700	<b>CY08</b> 16,942	<b>CY09</b> 17,033	First Half CY10 17,033
DLA Total Population Population with Compliant Drinking Water Percent Population with	16,000 13,000	16,700 13,700	CY08 16,942 16,942	CY09 17,033 17,033	First Half CY10 17,033 15,533
DLA Total Population Population with Compliant Drinking Water Percent Population with Compliant Drinking Water	16,000 13,000 81%	16,700 13,700 82%	16,942 16,942 100%	17,033 17,033 17,033	First Half CY10 17,033 15,533
DLA Total Population Population with Compliant Drinking Water Percent Population with Compliant Drinking Water  DoD Total	CY06 16,000 13,000 81% CY06	16,700 13,700 82%	CY08 16,942 16,942 100% CY08	CY09 17,033 17,033 100% CY09	First Half CY10 17,033 15,533 91% First Half CY10

**Figure D-4.6** Number of New and Open DoD Enforcement Actions (U.S. and Territories & Overseas)

Army	FY06	FY07	FY08	FY09	FY10
•					
Open Enforcement Actions	19	25	64	24	35
New Enforcement Actions	101	94	130	75	96
Navy	FY06	FY07	FY08	FY09	FY10
Open Enforcement Actions	97	56	54	44	39
New Enforcement Actions	92	73	68	84	78
Marine Corps	FY06	FY07	FY08	FY09	FY10
Open Enforcement Actions	23	38	34	45	48
New Enforcement Actions	26	35	37	42	40
Air Force	FY06	FY07	FY08	FY09	FY10
Open Enforcement Actions	22	21	17	28	38
New Enforcement Actions	51	50	34	54	59
214	FY06	FY07	FY08	FY09	FV10
DLA	FIUU	FIU/	6011	FIUS	FY10
Open Enforcement Actions	2	2	0	0	0
Open Enforcement Actions	2	2	0	0	
Open Enforcement Actions  New Enforcement Actions	2	2	0	0	0

**Figure D-4.7** Number of New Enforcement Actions by Statute (U.S. and Territories)\*

Army	FY06	FY07	FY08	FY09	FY10
CAA	14	14	9	10	8
CWA	22	18	46	22	31
RCRA/C	31	25	23	13	27
RCRA/I	9	15	10	5	10
RCRA/D	1	5	3	3	5
SDWA	23	10	32	14	10
Other	1	5	6	7	5
Total	101	92	129	74	96
Navy	FY06	FY07	FY08	FY09	FY10
CAA	20	18	20	17	12
CWA	32	29	20	32	24
RCRA/C	10	9	10	6	17
RCRA/I	8	1	4	4	6
RCRA/D	3	0	0	1	0
SDWA	18	16	14	24	14
Other	0	0	0	0	5
Total	91	73	68	84	78
Marine Corps	FY06	FY07	FY08	FY09	FY10
CAA	1	22	12	19	14
CWA	11	5	18	14	16
RCRA/C	6	3	2	4	3
RCRA/I	5	0	4	0	3
RCRA/D	0	0	0	3	1
SDWA	2	2	1	1	3
Other	1	3	0	1	0
Total	26	35	37	42	40

Air Force	FY06	FY07	FY08	FY09	FY10
CAA	12	6	2	12	10
CWA	21	14	9	15	19
RCRA/C	6	5	11	11	10
RCRA/I	2	4	5	4	5
RCRA/D	1	1	0	0	0
SDWA	7	20	7	11	13
Other	2	0	0	0	1
Total	51	50	34	53	58
DLA	FY06	FY07	FY08	FY09	FY10
CAA	0	1	0	0	0
CWA	0	0	1	1	0
RCRA/C	1	1	0	0	0
RCRA/I	1	0	0	0	0
RCRA/D	0	0	0	0	0
SDWA	0	0	0	0	1
Other	0	0	0	0	0
Total	2	2	1	1	1
DoD Total	FY06	FY07	FY08	FY09	FY10
CAA	47	61	43	58	44
CWA	86	66	94	84	90
RCRA/C	54	43	46	34	57
RCRA/I	25	20	23	13	24
RCRA/D	5	6	3	7	6
SDWA	50	48	54	50	41
Other	4	8	6	8	11
Total	271	252	269	254	273

<sup>\*</sup> Does not include overseas enforcement actions by media.

FY08

FY09

FY07

Figure D-4.8 Number of Enforcement Actions by Media Area (Overseas)\*

Army	FY07	FY08	FY09	FY10
Air	0	0	0	0
Water	1	0	0	0
Hazardous Waste	0	0	0	0
Underground Storage Tanks	0	0	0	0
Solid Waste	0	0	0	0
Safe Drinking Water	0	0	1	0
Other	1	1	0	0
Total	2	1	1	0
Navy	FY07	FY08	FY09	FY10
Air	0	0	0	0
Water	0	0	0	0
Hazardous Waste	0	0	0	0
Underground Storage Tanks	0	0	0	0
Solid Waste	0	0	0	0
Safe Drinking Water	0	0	0	0
Other	0	0	0	0
Total	0	0	0	0
Marine Corps	FY07	FY08	FY09	FY10
Air	0	0	0	0
Water	0	0	0	0
Hazardous Waste	0	0	0	0
Underground Storage Tanks	0	0	0	0
Solid Waste	0	0	0	0
Safe Drinking Water	0	0	0	0
Other	0	0	0	0
Total	0	0	0	0

Hazardous Waste Underground Storage Tanks Solid Waste Safe Drinking Water 0ther Total DLA FY08 FY09 Air Water Hazardous Waste Underground Storage Tanks Solid Waste Safe Drinking Water 0ther Total DoD Total FY08 FY09 Air Water Hazardous Waste **Underground Storage Tanks** Solid Waste Safe Drinking Water **Other** Total 

Air Force

Air

Water

<sup>\*</sup> DoD began collecting overseas enforcement action data by media in FY07

**Figure D-4.9** Monetary Fines and Penalties Assessed (Thousands of Dollars)

Army	FY06	FY07	FY08	FY09	FY10
EPA	\$473.9	\$105.4	\$200.4	\$247.2	\$241.0
State	\$473.1	\$242.2	\$252.8	\$303.3	\$181.7
Local	\$0.0	\$0.2	\$0.0	\$1.5	\$0.0
Total	\$947.0	\$347.7	\$453.2	\$552.1	\$422.7
Navy	FY06	FY07	FY08	FY09	FY10
EPA	\$128.7	\$0.2	\$22.1	\$0.3	\$164.8
State	\$0.0	\$65.0	\$248.0	\$468.1	\$9.0
Local	\$66.3	\$25.5	\$7.5	\$12.1	\$47.1
Total	\$195.0	\$90.7	\$277.6	\$480.5	\$220.9
Marine Corps	FY06	FY07	FY08	FY09	FY10
EPA	\$0.0	\$0.0	\$0.2	\$12.9	\$0.0
State	\$0.0	\$0.0	\$0.5	\$0.0	\$0.0
Local	\$0.0	\$15.2	\$0.7	\$5.4	\$25.2
Total	\$0.0	\$15.2	\$1.3	\$18.3	\$25.2
Air Force	FY06	FY07	FY08	FY09	FY10
EPA	\$23.3	\$76.7	\$274.8	\$0.0	\$7.6
State	\$0.0	\$9.3	\$88.2	\$4,252.5	\$6.8
Local	\$0.0	\$27.0	\$27.0	\$0.5	\$9.5
Total	\$23.3	\$112.9	\$390.0	\$4,253.0	\$23.9
DLA	FY06	FY07	FY08	FY09	FY10
EPA	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
State	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Local	\$0.8	\$0.0	\$0.0	\$0.4	\$0.0
Total	\$0.8	\$0.0	\$0.0	\$0.4	\$0.0
DoD Total	FY06	FY07	FY08	FY09	FY10
EPA	\$602.6	\$182.2	\$497.5	\$260.4	\$413.4
State	\$496.4	\$316.5	\$589.5	\$5,023.9	\$197.2
Local	\$66.3	\$67.9	\$35.2	\$19.9	\$81.7
Total	\$1,165.3	\$566.5	\$1,122.1	\$5,304.2	\$692.4

## **Section 5. Pollution Prevention Program Performance**

**Figure D-5.1** Non-Hazardous Solid Waste and Construction and Demolition (C&D) Debris Progress (U.S. and Territories & Overseas)

Army	FY06	FY07	FY08	FY09	FY10
Solid Waste (w/o C&D) Diverted (R) tons	446,868	387,488	422,544	415,889	291,846
Solid Waste (w/o C&D) Disposed (L) tons	598,342	592,444	581,163	579,913	484,537
Total Solid Waste (w/o C&D) Generated (R+L)	1,045,210	979,932	1,003,707	995,802	776,383
Solid Waste (w/o C&D) Diversion Rate [R/(R+L)]x100	43%	40%	42%	42%	38%
C&D Debris Diverted (CDR) tons	924,787	1,461,457	890,586	940,735	1,015,843
C&D Debris Disposed (CDL) tons	356,582	387,862	358,359	341,925	367,922
Total C&D Debris Generated (CDR+CDL)	1,281,369	1,849,319	1,248,945	1,282,660	1,383,765
C&D Diversion Rate [CDR/(CDR+CDL)]x100	72%	79%	71%	73%	73%
Total Generated Solid Waste and C&D	2,326,579	2,829,251	2,252,652	2,278,462	2,160,148
Total Tons diverted Solid Waste and C&D	1,371,655	1,848,945	1,313,130	1,356,624	1,307,689
Overall Diversion Rate—Solid Waste and C&D [(R+CDR)/(R+L+CDR+CDL)]x100	59%	65%	58%	60%	61%
Economic Benefit of SW Diversion \$000	\$74,355	\$104,979	\$96,122	\$92,374	\$78,653
Navy	FY06	FY07	FY08	FY09	FY10
Solid Waste (w/o C&D) Diverted (R) tons	156,733	149,960	154,526	151,900	190,402
Solid Waste (w/o C&D) Disposed (L) tons	419,979	339,894	323,379	315,510	307,399
Total Solid Waste (w/o C&D) Generated (R+L)	576,712	489,854	477,905	467,410	497,801
Solid Waste (w/o C&D) Diversion Rate [R/(R+L)]x100	27%	31%	32%	32%	38%
C&D Debris Diverted (CDR) tons	807,100	347,265	263,608	357,550	672,713
C&D Debris Disposed (CDL) tons	223,078	141,618	224,642	209,061	151,779
Total C&D Debris Generated (CDR+CDL)	1,030,178	488,883	488,250	566,611	824,492
C&D Diversion Rate [CDR/(CDR+CDL)]x100	78%	71%	54%	63%	82%
Total Generated Solid Waste and C&D	1,606,890	978,737	966,155	1,034,021	1,322,293
Total Tons diverted Solid Waste and C&D	963,833	497,225	418,134	509,450	863,115
Overall Diversion Rate—Solid Waste and C&D [(R+CDR)/(R+L+CDR+CDL)]x100	60%	51%	43%	49%	65%
Economic Benefit of SW Diversion \$000	\$32,226	\$24,448	\$18,712	\$24,171	\$52,152

Non-Hazardous Solid Waste and Construction and Demolition (C&D) Debris Progress (U.S. and Territories & Overseas)

Marine Corps	FY06	FY07	FY08	FY09	FY10
Solid Waste (w/o C&D) Diverted (R) tons	66,782	89,598	84,539	77,010	64,971
Solid Waste (w/o C&D) Disposed (L) tons	167,748	157,333	151,120	144,091	160,793
Total Solid Waste (w/o C&D) Generated (R+L)	234,530	246,931	235,659	221,101	225,764
Solid Waste (w/o C&D) Diversion Rate [R/(R+L)]x100	28%	36%	36%	35%	29%
C&D Debris Diverted (CDR) tons	49,709	51,470	436,569	87,734	163,457
C&D Debris Disposed (CDL) tons	73,422	51,962	21,378	83,092	111,640
Total C&D Debris Generated (CDR+CDL)	123,131	103,432	457,947	170,826	275,097
C&D Diversion Rate [CDR/(CDR+CDL)]x100	40%	50%	95%	51%	59%
Total Generated Solid Waste and C&D	357,661	350,363	693,606	391,927	500,861
Total Tons diverted Solid Waste and C&D	116,491	141,068	521,108	164,744	228,428
Overall Diversion Rate—Solid Waste and C&D [(R+CDR)/(R+L+CDR+CDL)]x100	33%	40%	75%	42%	46%
Economic Benefit of SW Diversion \$000	\$5,591	\$4,326	\$16,534	\$3,503	\$7,506
Air Force	FY06	FY07	FY08	FY09	FY10
Solid Waste (w/o C&D) Diverted (R) tons	383,881	341,444	225,135	205,898	396,166
Solid Waste (w/o C&D) Disposed (L) tons	416,005	363,566	277,825	294,748	277,474
Total Solid Waste (w/o C&D) Generated (R+L)	799,886	705,010	502,960	500,646	673,640
Solid Waste (w/o C&D) Diversion Rate [R/(R+L)]x100	48%	48%	45%	41%	59%
C&D Debris Diverted (CDR) tons	839,375	644,978	1,409,635	562,577	1,033,771
C&D Debris Disposed (CDL) tons	271,803	263,678	329,466	411,552	478,110
Total C&D Debris Generated (CDR+CDL)	1,111,178	908,656	1,739,101	974,129	1,511,881
C&D Diversion Rate [CDR/(CDR+CDL)]x100	76%	71%	81%	58%	68%
Total Generated Solid Waste and C&D	1,911,064	1,613,666	2,242,061	1,474,775	2,185,521
Total Tons diverted Solid Waste and C&D	1,223,256	986,422	1,634,770	768,475	1,429,937
Overall Diversion Rate—Solid Waste and C&D [(R+CDR)/(R+L+CDR+CDL)]x100	64%	61%	73%	52%	65%
Economic Benefit of SW Diversion \$000	\$40,330	\$45,326	\$127,639	\$40,528	\$38,344

Figure D-5.1, cont. Non-Hazardous Solid Waste and Construction and Demolition (C&D) Debris Progress (U.S. and Territories & Overseas)

DLA	FY06	FY07	FY08	FY09	FY10
Solid Waste (w/o C&D) Diverted (R) tons	8,141	8,767	9,694	9,842	5,590
Solid Waste (w/o C&D) Disposed (L) tons	9,571	7,015	7,324	6,520	6,614
Total Solid Waste (w/o C&D) Generated (R+L)	17,712	15,782	17,018	16,362	12,204
Solid Waste (w/o C&D) Diversion Rate [R/(R+L)]x100	46%	56%	57%	60%	46%
C&D Debris Diverted (CDR) tons	66,921	730	6,634	63,986	98,650
C&D Debris Disposed (CDL) tons	2,552	348	1,602	2,209	14,740
Total C&D Debris Generated (CDR+CDL)	69,473	1,078	8,236	66,195	113,390
C&D Diversion Rate [CDR/(CDR+CDL)]x100	96%	68%	81%	97%	87%
Total Generated Solid Waste and C&D	87,185	16,860	25,254	82,557	125,594
Total Tons diverted Solid Waste and C&D	75,062	9,497	16,328	73,828	104,240
Overall Diversion Rate—Solid Waste and C&D [(R+CDR)/(R+L+CDR+CDL)]x100	86%	56%	65%	89%	83%
Economic Benefit of SW Diversion \$000	\$7,305	\$380	\$671	\$2,135	\$4,237
DoD Totals	FY06	FY07	FY08	FY09	FY10
Solid Waste (w/o C&D) Diverted (R) tons	1,062,405	977,257	896,438	860,539	948,975
Solid Waste (w/o C&D) Disposed (L) tons	1,611,645	1,460,252	1,340,811	1,340,782	1,236,817
Total Solid Waste (w/o C&D) Generated (R+L)	2,674,050	2,437,509	2,237,249	2,201,321	2,185,792
Solid Waste (w/o C&D) Diversion Rate [R/(R+L)]x100	40%	40%	40%	39%	43%
C&D Debris Diverted (CDR) tons	2,687,892	2,505,900	3,007,032	2,012,582	2,984,434
C&D Debris Disposed (CDL) tons	927,437	845,468	935,447	1,047,839	1,124,191
Total C&D Debris Generated (CDR+CDL)	3,615,329	3,351,368	3,942,479	3,060,421	4,108,625
C&D Diversion Rate [CDR/(CDR+CDL)]x100	74%	75%	76%	66%	73%
Total Generated Solid Waste and C&D	6,289,379	5,788,877	6,179,728	5,261,742	6,294,417
Total Tons diverted Solid Waste and C&D	3,750,297	3,483,157	3,903,470	2,873,121	3,933,409
Overall Diversion Rate—Solid Waste and C&D [(R+CDR)/(R+L+CDR+CDL)]x100	60%	60%	63%	55%	62%

**Figure D-5.2** Hazardous Waste Disposal in Tons (U.S. and Territories & Overseas)

DoD Component	CY05	CY06	CY07	CY08	CY09
Army	31,870	22,514	38,229	27,372	26,204
Navy	27,034	30,266	34,998	26,738	21,820
Marine Corps	8,184	9,313	8,195	9,843	9,934
Air Force	10,138	8,418	8,454	11,280	9,478
DLA	199	580	224	933	2,418
DoD Total	77,424	71,091	90,098	76,164	69,854

Figure D-5.3 Army TRI Reportable Quantities, Including Ranges (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
On-site to Water	11,673,964	13,596,979	13,889,283	14,645,541	13,492,862	16%
On-site to Air	976,497	1,068,169	841,159	990,824	928,388	-5%
On-site Underground Injection	0	0	0	0	0	N/A
On-site Land	5,325,766	7,796,233	6,137,618	7,767,053	7,562,632	42%
Off-site to POTW	24,363	26,399	26,169	11,745	11,654	-52%
Off-site Treatment	498,827	588,279	121,368	54,160	105,796	-79%
Off-site Disposal	257,454	793,608	972,359	1,605,484	1,200,856	366%
Total	18,756,872	23,869,667	21,987,955	25,074,806	23,302,188	24%

Figure D-5.4 Army TRI Reportable Quantities, Excluding Ranges (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
On-site to Water	11,673,927	13,595,136	13,887,257	14,642,698	12,389,681	6%
On-site to Air	960,052	1,053,935	798,993	969,099	902,349	-6%
On-site Underground Injection	0	0	0	0	0	N/A
On-site Land	611,879	665,446	806,154	1,360,851	1,692,092	177%
Off-site to POTW	24,363	26,399	26,169	11,745	11,654	-52%
Off-site Treatment	498,827	588,279	120,923	54,160	105,796	-79%
Off-site Disposal	256,002	778,620	963,686	1,592,454	1,192,852	366%
Total	14,025,051	16,707,814	16,603,181	18,631,006	16,294,424	16%

Figure D-5.5 CY09 Top 10 Army Chemicals, Including Ranges

Name of Chemical	Pounds Released or Transferred
1. Nitrate Compounds	13,514,820
2. Copper	3,595,982
3. Lead Compounds	1,911,241
4. Lead	1,510,218
5. Ethylene Glycol	663,956
6. Hydrochloric Acid (1995 and after "Acid Aerosols" only)	353,006
7. Aluminum (Fume or Dust)	342,151
8. Dichloromethane	223,894
9. 2,4-Dinitrotoluene	131,429
10. Copper Compounds	114,638

Figure D-5.6 Change in CY05 Top 10 Army Chemicals, Including Ranges (Pounds Released or Transferred)

Name of Chemical	CY05	CY06	CY07	CY08	CY09	CY05 – CY09 Percent Change
1. Nitrate Compounds	11,899,699	13,706,409	14,045,783	14,669,801	13,514,820	14%
2. Copper	2,803,934	4,431,844	3,355,656	3,916,113	3,595,982	28%
3. Lead Compounds	1,011,127	1,130,192	1,063,954	1,716,186	1,911,241	89%
4. Lead	925,885	1,873,110	1,297,489	1,432,025	1,510,218	63%
5. Dichloromethane	297,753	262,581	246,757	369,243	223,894	-25%
6. Ethylene Glycol	158,296	151,126	437,720	901,108	663,956	319%
7. Hydrochloric Acid (1995 and after "Acid Aerosols" only)	157,735	217,529	215,633	191,070	353,006	124%
8. Copper Compounds	149,535	73,278	83,058	181,102	114,638	-23%
9. Toluene	132,822	95,987	86,601	84,544	84,315	-37%
10. Formic Acid	129,454	95,702	64,877	97,432	61,453	-53%

Figure D-5.7 CY09 Top 10 Army Installations

Name of Installation	Pounds Released or Transferred
1. Radford AAP	12,571,331
2. Fort Bragg Range	1,330,821
3. Anniston Army Depot	615,395
4. Red River Army Depot	570,558
5. Fort Sill Field Artillery Range	482,566
6. Fort Benning Range	463,340
7. Fort Knox Range	450,610
8. Fort Campbell Range	409,959
9. Fort Jackson Ranges	395,769
10. Army Maneuver Support Center Ranges	335,246

Figure D-5.8 Change in CY05 Top 10 Army Installations (Pounds Released or Transferred)

Name of Installation	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
1. Radford AAP	11,704,540	13,757,844	13,919,076	14,318,846	12,571,331	7%
2. Anniston Army Depot	694,698	624,530	546,475	625,637	615,395	-11%
3. Fort Bragg Range	459,717	555,636	329,769	547,599	1,330,821	189%
4. Fort Sill Field Artillery Range	454,457	543,358	335,276	194,444	482,566	6%
5. Fort Benning Range	371,939	410,604	339,667	243,108	463,340	25%
6. Air Defense Artillery Center & Ranges Fort Bliss	360,820	134,069	236,146	226,227	214,426	-41%
7. Fort Irwin National Training Center	250,475	88,037	72,514	215,391	262,954	5%
8. Umatilla Chemical Depot	242,685	15,818	43,306	6,078	327	-100%
9. Fort Lewis Range	237,716	229,160	128,400	140,000	125,000	-47%
10. Fort Hood Range	219,942	144,774	213,488	390,134	162,054	-26%

Figure D-5.9 Navy TRI Reportable Quantities, Including Ranges (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
On-site to Water	1,104,761	697,985	712,703	990,343	930,536	-16%
On-site to Air	602,539	420,595	247,898	267,696	266,689	-56%
On-site Underground Injection	0	0	0	0	0	N/A
On-site Land	391,563	234,031	434,609	448,548	547,721	40%
Off-site to POTW	111,237	150,505	70,546	65,667	64,035	-42%
Off-site Treatment	103,241	41,688	59,708	165,724	124,795	21%
Off-site Disposal	267,072	222,474	142,681	144,466	266,488	0%
Total	2,580,412	1,767,278	1,668,144	2,082,444	2,200,265	-15%

Figure D-5.10 Navy TRI Reportable Quantities, Excluding Ranges (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05— CY09 Percent Change
On-site to Water	1,104,759	697,985	712,703	990,335	930,528	-16%
On-site to Air	569,106	402,857	247,881	208,724	246,687	-57%
On-site Underground Injection	0	0	0	0	0	N/A
On-site Land	139,097	47,388	182,692	304,043	419,159	201%
Off-site to POTW	1,237	150,505	70,546	65,608	63,996	5,074%
Off-site Treatment	103,241	41,688	59,708	165,724	124,795	21%
Off-site Disposal	260,917	214,174	134,559	139,834	256,230	-2%
Total	2,178,356	1,554,597	1,408,089	1,874,269	2,041,395	-6%

Figure D-5.11 CY09 Top 10 Navy Chemicals, Including Ranges

Name of Chemical	Pounds Released or Transferred
1. Nitrate Compounds	957,778
2. Copper	384,708
3. N-Butyl Alcohol	146,761
4. Xylene (Mixed Isomers)	121,766
5. Lead	115,795
6. Aluminum (Fume or Dust)	106,608
7. Copper Compounds	79,787
8. Chromium	54,628
9. Chlorine	48,017
10. Lead Compounds	43,750

Figure D-5.12 Change in CY05 Top 10 Navy Chemicals, Including Ranges (Pound Released or Transferred)\*

Name of Chemical	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
1. Nitrate Compounds	1,248,784	879,898	808,421	1,071,702	957,778	-23%
2. Aluminum (Fume or Dust)	277,764	187,970	207,655	157,784	106,608	-62%
3. Zinc (Fume or Dust)	261,582	122,000	0	0		N/A
4. N-Butyl Alcohol	152,358	112,951	97,041	124,656	146,761	-4%
5. Copper	113,956	59,370	183,154	263,120	384,708	238%
6. Xylene (Mixed Isomers)	92,458	89,658	64,901	146,894	121,766	32%
7. Copper Compounds	83,108	87,543	53,478	46,839	79,787	-4%
8. Ethylene Glycol	69,260	27,462	35,694	216		N/A
9. Zinc Compounds	53,140	0	0	0		N/A
10. N-Hexane	41,865	4,925	11,075	7,909	6,602	-84%

<sup>\*</sup> A value of "--"represents no data reported.

Figure D-5.13 CY09 Top 10 Navy Installations

Name of Installation	Pounds Released or Transferred
1. NSWC Crane Division	486,177
2. Pearl Harbor Naval Complex	269,943
3. PSNS & IMF — Bremerton Site & Naval Base Kitsap*	232,923
4. NAS Jacksonville	208,528
5. NAVSTA Mayport	160,243
6. NAS Corpus Christi	125,483
7. COMNAVMARIANAS Guam	116,568
8. Norfolk Naval Shipyard	106,005
9. NAS Point Mugu	63,054
10. NAS Fallon, Bravo 17	60,286

<sup>\*</sup> As a result of regionalization efforts, Puget Sound Naval Shipyard began reporting as PSNS & IMF—Bremerton Site & Naval Base Kitsap beginning in CY04.

Figure D-5.14 Change in CY05 Top 10 Navy Installations (Pounds Released and Transferred)

Name of Installation	CY05	CY06	CY07	CY08	CY09	CY05— CY09 Percent Change
Pearl Harbor Naval     Complex	517,958	329,226	377,068	552,279	269,943	-48%
2. PSNS & IMF — Bremerton Site & Naval Base Kitsap*	377,515	203,751	154,638	251,210	232,923	-38%
3. NAS Jacksonville	279,145	51,991	53,300	44,884	208,528	-25%
4. NAB Little Creek	261,688	122,000	21	30	563	-100%
5. NAVSTA Mayport	157,018	151,577	122,091	157,795	160,243	2%
6. NSWC Crane Division	on 151,797	6,184	155,130	306,599	486,177	220%
7. NAS Fallon, Bravo 1	7 129,561	76,612	104,787	48,486	60,286	-53%
8. NAS Point Mugu	110,010	150,065	70,080	65,323	63,054	-43%
9. COMNAVMARIANA: Guam	105,364	76,156	121,148	138,217	116,568	11%
10. NAS Corpus Christi	83,879	24,547	94,773	109,269	125,483	50%

 $<sup>^* \</sup>quad \text{As a result of regionalization efforts, Puget Sound Naval Shipyard began reporting as PSNS \& IMF-Bremerton Site \& Naval Base Kitsap}$ beginning in CY04.

Figure D-5.15 Marine Corps TRI Reportable Quantities, Including Ranges (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
On-site to Water	1,085,463	1,173,959	823,565	748,791	753,221	-31%
On-site to Air	106,324	95,213	89,046	79,095	117,982	11%
On-site Underground Injection	0	34,877	34,508	40,606	27,668	N/A
On-site Land	1,586,864	1,882,519	1,550,842	1,756,599	1,496,365	-6%
Off-site to POTW	0	0	0	0	0	N/A
Off-site Treatment	6,247	5,747	716	33	670	89%
Off-site Disposal	75,857	84,682	2,125	19,389	11,343	-85%
Total	2,860,755	3,276,997	2,500,802	2,644,514	2,407,250	-16%

**Figure D-5.16** Marine Corps TRI Reportable Quantities, Excluding Ranges (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
On-site to Water	1,085,463	1,173,959	823,565	748,791	753,221	-31%
On-site to Air	102,111	76,564	80,767	72,650	112,626	10%
On-site Underground Injection	0	34,877	34,508	40,606	27,668	N/A
On-site Land	2,368	100,686	171,324	186,018	133,686	5,546%
Off-site to POTW	0	0	0	0	0	N/A
Off-site Treatment	6,247	5,747	716	33	670	89%
Off-site Disposal	1,557	2,156	1,669	1,305	11,339	628%
Total	1,197,746	1,393,989	1,112,549	1,049,402	1,039,209	-13%

**Figure D-5.17** CY09 Top 10 Marine Corps Chemicals, Including Ranges

Name of Chemical	Pounds Released or Transferred
1. Nitrate Compounds	920,323
2. Lead Compounds	652,499
3. Copper	609,834
4. Lead	109,428
5. Toluene	38,529
6. Dichloromethane	28,332
7. N-Methyl-2-Pyrrolidone	13,526
8. Xylene (Mixed Isomers)	12,737
9. Ethylene Glycol	11,192
10. Methyl Tert-Butyl Ether	5,930

**Figure D-5.18** Change in CY05 Top 10 Marine Corps Chemicals, Including Ranges (Pounds Released or Transferred)

Name of Chemical	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
1. Nitrate Compounds	1,087,207	1,309,112	1,017,430	973,956	920,323	-15%
2. Copper	686,577	1,023,153	761,234	787,476	609,834	-11%
3. Lead Compounds	636,115	701,508	537,294	723,352	652,499	3%
4. Lead	112,852	71,316	102,177	86,251	109,428	-3%
5. Nitroglycerin	91,140	44,709	0	0	0	-100%
6. Dinitrotoluene (Mixed Isomers)	53,067	0	0	0	0	-100%
7. Phosphorus (Yellow or White)	48,775	34,420	0	0	0	-100%
8. Toluene	38,977	35,574	33,023	23,889	38,529	-1%
9. Dibutyl Phthalate	36,269	0	0	0	0	-100%
10. Xylene (Mixed Isomers)	20,783	15,020	16,573	5,312	12,737	-39%

Figure D-5.19 CY09 Top 10 Marine Corps Installations

Name of Installation	Pounds Released or Transferred
1. MCB Camp Lejeune	503,659
2. MCB Camp Lejeune Range	470,789
3. MCB Camp Pendleton Range	324,747
4. MCB Camp Pendleton	213,849
5. MCB Quantico	194,019
6. MCB Quantico Range Complex	170,398
7. Chocolate Mountains Aerial Gunnery Range	127,331
8. Twentynine Palms Range	81,331
9. MCAS Cherry Point	79,068
10. Parris Island Range	76,925

**Figure D-5.20** Change in CY05 Top 10 Marine Corps Installations (Pounds Released and Transferred)

Name of Installation	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
1. Twentynine Palms Range	622,052	353,074	148,573	204,598	81,331	-87%
2. MCB Camp Lejeune	504,922	537,250	432,333	448,296	503,659	0%
3. MCB Camp Lejeune Range	306,153	419,548	517,593	577,399	470,789	54%
4. MCB Camp Pendleton Range	302,750	251,183	189,774	336,381	324,747	7%
5. MCB Camp Pendleton	300,586	422,251	339,095	325,714	213,849	-29%
6. MCB Quantico Range Complex	146,343	194,862	165,978	156,348	170,398	16%
7. MCB Quantico	144,069	195,601	114,428	165,160	194,019	35%
8. Parris Island Depot	84,469	94,264	88,187	79	181	-100%
9. MCAS Cherry Point Range	78,575	14,737	9,139	26,478	6,163	-92%
10. MCAS Cherry Point	78,281	61,926	41,914	37,924	79,068	1%

Figure D-5.21 Air Force TRI Reportable Quantities, Including Ranges (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
On-site to Water	267,942	159,501	113,576	78,965	35,301	-87%
On-site to Air	517,098	557,398	663,612	855,218	493,676	-5%
On-site Underground Injection	0	0	0	0	0	N/A
On-site Land	436,736	646,832	977,264	796,830	562,036	29%
Off-site to POTW	85,407	35,090	34,010	58,252	321	-100%
Off-site Treatment	73,574	53,507	11,931	7,796	15,691	-79%
Off-site Disposal	51,045	60,013	71,248	54,700	67,216	32%
Total	1,431,802	1,512,341	1,871,640	1,851,761	1,174,241	-18%

Figure D-5.22 Air Force TRI Reportable Quantities, Excluding Ranges (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
On-site to Water	267,752	159,501	113,576	78,931	35,239	-87%
On-site to Air	515,629	538,690	501,139	410,598	489,354	-5%
On-site Underground Injection	0	0	0	0	0	N/A
On-site Land	120,794	210,470	327,338	208,773	151,794	26%
Off-site to POTW	85,406	35,090	34,009	58,252	321	-100%
Off-site Treatment	73,574	53,507	11,931	7,796	15,691	-79%
Off-site Disposal	50,947	55,596	71,245	49,125	57,500	13%
Total	1,114,103	1,052,854	1,059,237	813,476	749,899	-33%

Figure D-5.23 CY09 Top 10 Air Force Chemicals, Including Ranges

Name of Chemical	Pounds Released or Transferred
1. Copper	217,029
2. Lead Compounds	112,955
3. Dichloromethane	109,287
4. Lead	108,197
5. Barium Compounds	103,808
6. Hydrochloric Acid (1995 and after "Acid Aerosols" Only)	91,879
7. Ethylene Glycol	62,762
8. Tetrachloroethylene	55,578
9. Toluene	54,541
10. Nitrate Compounds	37,689

**Figure D-5.24** CY05 Top 10 Air Force Chemicals, Including Ranges (Pounds Released and Transferred)

Name of Chemical	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
1. Nitrate Compounds	277,084	107,752	98,556	106,696	37,689	-86%
2. Copper	216,938	245,181	177,602	145,916	217,029	0%
3. Hydrochloric Acid (1995 and after "Acid Aerosols")	184,304	153,344	120,497	76,527	91,879	-50%
4. Ethylene Glycol	145,154	160,955	102,973	70,462	62,762	-57%
5. Dichloromethane	143,327	129,977	40,521	82,880	109,287	-24%
6. Toluene	81,664	65,796	82,378	68,722	54,541	-33%
7. Tetracholorethylene	66,803	60,356	72,939	49,352	55,578	-17%
8. Lead	63,047	71,056	585,787	316,261	108,197	72%
9. Xylene (Mixed Isomers)	50,071	56,503	49,413	35,291	22,246	-56%
10. Lead Compounds	43,810	83,963	65,086	51,000	112,955	158%

Figure D-5.25 CY09 Top 10 Air Force Installations

Name of Installation	Pounds Released or Transferred
1. Nellis AFB and Training Range	196,023
2. Hill AFB (Ogden ALC)	159,181
3. Eielson AFB	139,543
4. Robins AFB	114,914
5. Eglin AFB Range	110,233
6. Tinker AFB	99,180
7. Wright-Patterson AFB	90,071
8. Air Force Plant No. 42	38,115
9. Holloman AFB	34,951
10. Air Force Plant No. 6	30,956

**Figure D-5.26** Change in CY05 Top 10 Air Force Installations (Pounds Released and Transferred)

Name of Installation	CY05	CY06	CY07	CY08	CY09	CY05— CY09 Percent Change
1. Hill AFB (Ogden ALC)	243,118	177,518	84,042	81,047	159,181	-35%
2. Air Force Plant No. 6	168,105	68,390	53,043	20,313	30,956	-82%
3. Tinker AFB	126,941	109,490	139,489	95,961	99,180	-22%
4. Air Force Plant No. 4	116,334	56,798	35,965	63,050	5,300	-95%
5. Eglin AFB Range	113,871	107,465	0	81,263	110,233	-3%
6. Robins AFB	101,439	119,764	150,009	127,889	114,914	13%
7. Nellis AFB and Training Range	99,395	205,718	102,042	451,306	196,023	97%
8. Wright-Patterson AFB	94,013	120,284	120,545	76,551	90,071	-4%
9. Arnold AFB	90,501	104,356	63,437	38,816	8,071	-91%
10. Utah Test and Training Range — Demilitarization Activities	90,299	33,061	0	0	1,836	-98%

Figure D-5.27 DLA TRI Reportable Quantities (Pounds Released or Transferred)

Category	CY05	CY06	CY07	CY08	CY09	CY05– CY09 Percent Change
On-site to Water	0	0	0	0	0	N/A
On-site to Air	2,568	1,034	1,828	2,020	1,545	-40%
On-site Underground Injection	0	0	0	0	0	N/A
On-site Land	0	0	0	0	0	N/A
Off-site to POTW	0	0	0	0	0	N/A
Off-site Treatment	0	0	0	0	0	N/A
Off-site Disposal	0	0	0	0	0	N/A
Total	2,568	1,034	1,828	2,020	1,545	-40%

Figure D-5.28 Top CY09 DLA Chemicals

Name of Chemical	Pounds Released or Transferred
Dichlorotetrafluoroethane (CFC-114)	857
2. Bromotrifluoromethane	682
3. 1,2,4-Trimethylbenzene	4
4. Naphthalene	2
5. Phenanthrene	0
6. Polycyclic Aromatic Compounds	0
7. Mercury	0

**Figure D-5.29** Change in CY05 Top 10 DLA Chemicals (Pounds Released and Transferred)\*

Na	me of Chemical	CY05	CY06	CY07	CY08	CY09	CY05— CY09 Percent Change
1.	Bromotrifluoromethane	976	335	381	1,238	682	-30%
2.	Bromochlorodifluoromethane	592	108	56	0	0	-100%
3.	Dichlorotetrafluoroethane (CFC-114)	511	408	295	776	857	68%
4.	Dichlorodifluoromethane (CFC-12)	382	163	1,076	0		N/A
5.	Trichlorofluoromethane	107	20	20	0		N/A
6.	Polycyclic Aromatic Compounds (PACS)	0	0	0	0	0	-100%
7.	Benzo (G,H,I) Perylene	0	0	0	0		N/A
8.	Lead	0	0	0	0		N/A
9.	Mercury	0	0	0	0	0	-100%

<sup>\*</sup> A value of "--" represents no data reported.

Figure D-5.30 CY09 Top DLA Installations

Name of Installation	Pounds Released or Transferred
1. Defense Supply Center Richmond	1,539
2. Defense Distribution Depot of Susquehanna PA	6
3. National Stockpile Center Warren Depot	0

Figure D-5.31 Change in CY05 Top DLA Installations (Pounds Released and Transferred)\*

Nan	ne of Installation	CY05	CY06	CY07	CY08	CY09	CY05—CY09 Percent Change
1.	Defense Supply Center Richmond	2,568	1,034	1,828	2,014	1,539	-40%
	Defense Distribution Depot of Susquehanna PA	0	0	0	6	6	N/A
3.	Defense National Stockpile Center New Haven	0	0	0	0		N/A
4.	Defense National Stockpile Center Warren Depot	0	0	0	0	0	N/A

<sup>\*</sup> A value of "--" represents no data reported.

## **Section 6.** Restoration Program Performance

**Figure D-6.1** IRP Site Status at Active Installations by Cleanup Phase

Army	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	594	497	437	590	572
Cleanup Planned or Underway	289	286	270	357	346
(Remedy in Place*)	102	170	190	222	212
Response Complete	9,568	9,704	9,775	9,918	9,976
(Long-term Management Underway †)	268	268	331	403	434
Total Sites	10,451	10,487	10,482	10,865	10,894
Navy and Marine Corps	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	651	541	505	449	438
Cleanup Planned or Underway	381	1,958	1,107	1,075	909
(Remedy in Place <sup>*</sup> )	229	1,853	1,001	947	756
Response Complete	2,672	1,217	2,111	2,204	2,495
(Long-term Management Underway †)	156	34	54	48	64
Total Sites	3,704	3,716	3,723	3,728	3,842
Air Force	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	879	565	414	1,414	1,378
Cleanup Planned or Underway	976	871	829	828	811
(Remedy in Place*)	470	469	463	490	547
Response Complete	3,471	3,854	4,049	4,151	4,255
(Long-term Management Underway <sup>†</sup> )	274	317	351	362	386
Total Sites	5,326	5,290	5,292	6,393	6,444
DLA	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	3	3	4	4	4
Cleanup Planned or Underway	18	20	17	16	17
(Remedy in Place*)	10	13	13	12	15
Response Complete	324	322	325	327	327
(Long-term Management Underway†)	11	19	22	16	21
Total Sites	345	345	346	347	348
DoD Total	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	2,127	1,606	1,360	2,457	2,392
Cleanup Planned or Underway	1,664	3,135	2,223	2,276	2,083
(Remedy in Place*)	811	2,505	1,667	1,671	1,530
Response Complete	16,035	15,097	16,260	16,600	17,053
(Long-term Management Underway †)	709	638	758	829	905
Percent of Sites Achieving RIP/RC	85%	89%	90%	86%	86%
Total Sites	19,826	19,838	19,843	21,333	21,528

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>†</sup> Long-term Management Underway is a subset of Response Complete.

Figure D-6.2 IRP Site Status at BRAC Installations by Cleanup Phase

Army	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	114	145	152	152	154
Cleanup Planned or Underway	72	64	69	76	71
(Remedy in Place <sup>*</sup> )	35	42	41	48	49
Response Complete	1,781	1,767	1,778	1,782	1,783
(Long-term Management Underway <sup>†</sup> )	69	80	84	81	76
Total Sites	1,967	1,976	1,999	2,010	2,008
Navy and Marine Corps	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	120	111	97	90	72
Cleanup Planned or Underway	90	596	475	242	232
(Remedy in Place*)	58	556	434	203	189
Response Complete	914	422	558	803	832
(Long-term Management Underway <sup>†</sup> )	40	16	14	27	25
Total Sites	1,124	1,129	1,130	1,135	1,136
Air Force	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	412	417	372	336	307
Cleanup Planned or Underway	164	166	177	199	219
(Remedy in Place*)	150	150	159	158	151
Response Complete	1,179	1,226	1,260	1,282	1,293
(Long-term Management Underway <sup>†</sup> )	272	289	308	279	296
Total Sites	1,755	1,809	1,809	1,817	1,819
DLA	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	0	0	0	0	0
Cleanup Planned or Underway	7	7	7	7	7
(Remedy in Place*)	1	2	2	2	7
Response Complete	157	157	157	157	157
(Long-term Management Underway <sup>†</sup> )	0	0	17	21	6
Total Sites	164	164	164	164	164
DoD Total	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	646	673	621	578	533
Cleanup Planned or Underway	333	833	728	524	529
(Remedy in Place*)	244	750	636	411	396
Response Complete	4,031	3,572	3,753	4,024	4,065
(Long-term Management Underway <sup>†</sup> )	381	385	423	408	403
Percent of Sites Achieving RIP/RC	85%	85%	86%	87%	87%
Total Sites	5,010	5,078	5,102	5,126	5,127

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>†</sup> Long-term Management Underway is a subset of Response Complete.

Figure D-6.3 IRP Site Status at FUDS Properties by Cleanup Phase

FUDS	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	673	602	547	491	492
Cleanup Planned or Underway	340	386	383	366	319
(Remedy in Place*)	6	10	14	14	7
Response Complete	2,008	2,046	2,114	2,022	2,110
(Long-term Management Underway <sup>†</sup> )	21	32	38	45	50
Percent of Sites Achieving RIP/RC	67%	68%	70%	71%	72%
Total Sites	3,021	3,034	3,044	2,879	2,921

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

**Figure D-6.4** IRP CTC Estimates at Active and BRAC Installations and FUDS Properties (Millions of Dollars)\*†

Active Installations	FY06	FY07	FY08	FY09	FY10
Army	\$2,144.7	\$1,871.1	\$1,666.5	\$1,709.1	\$1,642.9
Navy and Marine Corps	\$1,987.4	\$1,865.2	\$1,853.2	\$2,154.8	\$2,186.9
Air Force	\$3,171.3	\$3,004.1	\$2,687.8	\$2,439.1	\$3,252.1
DLA	\$164.1	\$173.9	\$128.9	\$118.5	\$148.2
DoD Total	\$7,467.5	\$6,914.3	\$6,336.3	\$6,421.6	\$7,230.1
BRAC Installations	FY06	FY07	FY08	FY09	FY10
Army	\$523.7	\$599.8	\$552.4	\$735.0	\$615.5
Navy and Marine Corps	\$1,417.9	\$1,334.9	\$1,233.6	\$1,116.4	\$1,071.2
Air Force	\$1,023.5	\$977.9	\$972.9	\$915.1	\$1,009.4
DLA	\$28.6	\$21.6	\$17.1	\$18.3	\$10.3
DoD Total	\$2,993.7	\$2,934.2	\$2,776.0	\$2,784.8	\$2,706.4
FUDS Properties	FY06	FY07	FY08	FY09	FY10
FUDS Properties	\$3,441.6	\$3,249.3	\$2,779.0	\$2,963.0	\$2,820.1

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Long-term Management Underway is a subset of Response Complete.

<sup>†</sup> Funding represents site-level data and does not include management and support costs not directly attributable to specific sites.

Figure D-6.5 MRS Status at Active Installations by Cleanup Phase

Army	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	655	631	509	397	715
Cleanup Planned or Underway	3	0	3	2	2
(Remedy in Place*)	0	0	0	0	0
Response Complete	127	195	384	552	678
(Long-term Management Underway†)	2	2	2	9	6
Total Si	es 785	826	896	951	1,395
Navy and Marine Corps	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	181	194	198	188	188
Cleanup Planned or Underway	5	14	16	65	49
(Remedy in Place <sup>*</sup> )	0	12	11	59	30
Response Complete	35	31	43	21	76
(Long-term Management Underway †)	1	0	0	0	1
Total Si	es 221	239	257	274	313
Air Force	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	240	373	390	428	426
Cleanup Planned or Underway	0	1	4	29	148
(Remedy in Place <sup>*</sup> )	0	0	0	1	1
Response Complete	64	111	123	145	151
(Long-term Management Underway †)	0	0	0	0	0
Total Si	es 304	485	517	602	725
DLA	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway					
Cleanup Planned or Underway					
(Remedy in Place <sup>*</sup> )		214		100.)	
Response Complete		DLA C	loes not have Munitions Response Sites (M	AKSs)	
(Long-term Management Underway †)					
Total Si	es				
DoD Total	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	1,076	1,198	1,097	1,013	1,329
Cleanup Planned or Underway	8	15	23	96	199
(Remedy in Place*)	0	12	11	60	31
Response Complete	226	337	550	718	905
(Long-term Management Underway†)	3	2	2	9	7
Percent of Sites Achieving RIP/RC	17%	23%	34%	43%	38%
Total Si	es 1,310	1,550	1,670	1,827	2,433

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>†</sup> Long-term Management Underway is a subset of Response Complete.

Figure D-6.6 MRS Status at BRAC Installations by Cleanup Phase

Army	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	93	85	86	85	78
Cleanup Planned or Underway	6	6	5	5	5
(Remedy in Place*)	0	0	0	0	0
Response Complete	118	87	93	95	99
(Long-term Management Underway †)	11	9	10	13	13
Total Sites	217	178	184	185	182
Navy and Marine Corps	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	18	21	20	18	16
Cleanup Planned or Underway	8	10	7	9	12
(Remedy in Place*)	0	7	4	6	5
Response Complete	4	1	5	7	8
(Long-term Management Underway <sup>†</sup> )	0	0	0	0	0
Total Sites	30	32	32	34	36
Air Force	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	126	12	12	14	14
Cleanup Planned or Underway	0	23	13	7	6
(Remedy in Place <sup>*</sup> )	0	1	2	0	4
Response Complete	0	92	102	104	108
(Long-term Management Underway <sup>†</sup> )	0	8	7	7	7
Total Sites	126	127	127	125	128
DLA	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway					
Cleanup Planned or Underway					
(Remedy in Place <sup>*</sup> )		DIA		ADC-)	
Response Complete		DLA 0	loes not have Munitions Response Sites (N	/IKSS)	
(Long-term Management Underway <sup>†</sup> )					
Total Sites					
DoD Total	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	237	118	118	117	108
Cleanup Planned or Underway	14	39	25	21	23
(Remedy in Place*)	0	8	6	6	9
Response Complete	122	180	200	206	215
(Long-term Management Underway <sup>†</sup> )	11	17	17	20	20
Percent of Sites Achieving RIP/RC	33%	56%	60%	62%	65%
Total Sites	373	337	343	344	346

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

<sup>†</sup> Long-term Management Underway is a subset of Response Complete.

**Figure D-6.7** MRS Status at FUDS Properties by Cleanup Phase

FUDS	FY06	FY07	FY08	FY09	FY10
Investigation Planned or Underway	1,112	1,088	1,014	999	990
Cleanup Planned or Underway	48	159	79	52	73
(Remedy in Place*)	0	0	0	0	0
Response Complete	473	403	568	561	640
(Long-term Management Underway †)	12	15	17	18	20
Percent of Sites Achieving RIP/RC	29%	24%	34%	35%	38%
Total Sites	1,633	1,650	1,661	1,612	1,703

<sup>\*</sup> Remedy in Place is a subset of Cleanup Planned or Underway.

**Figure D-6.8** MMRP CTC Estimates at Active and BRAC Installations and FUDS Properties (Millions of Dollars)\*†

Active Installations	FY06	FY07	FY08	FY09	FY10
Army	\$3,032.1	\$2,943.2	\$2,341.4	\$1,320.3	\$1,685.5
Navy and Marine Corps	\$619.5	\$713.3	\$759.5	\$712.7	\$1,796.2
Air Force	\$1,496.3	\$1,598.6	\$1,845.8	\$1,815.9	\$943.6
DLA			DLA does not fund the MMRP		
DoD Total	\$5,147.9	\$5,255.1	\$4,946.7	\$3,848.9	\$4,425.3
BRAC Installations	FY06	FY07	FY08	FY09	FY10
Army	\$800.3	\$795.7	\$854.1	\$781.1	\$624.3
Navy and Marine Corps	\$101.9	\$146.5	\$116.0	\$126.7	\$140.6
Air Force	\$0.0	\$5.1	\$1.7	\$2.8	\$4.8
DLA	DLA does not fund the MMRP				
DoD Total	\$902.2	\$947.3	\$971.8	\$910.6	\$769.7
FUDS Properties	FY06	FY07	FY08	FY09	FY10
FUDS Properties	\$12,639.5	\$13,023.0	\$13,452.6	\$12,241.1	\$9,988.9

<sup>\*</sup> Subtotals may not add to totals due to rounding.

<sup>†</sup> Long-term Management Underway is a subset of Response Complete.

 $<sup>\ \, 1\</sup>quad \text{Funding represents site-level data} \ \text{and does not include management and support costs not directly attributable to specific sites}.$ 

**Figure D-6.9** Cost Recovery Efforts by DoD Component (Actual Dollars)

DoD Component	Installation Name	Location (City/ County, State)	Type of Cost Action	Status of Cost Recovery Actions or Cost Sharing Actions	Amount Recovered/ Shared in FY10	Total Amount Recovered/Shared Cumulative through FY10	Cost to Pursue Action in FY10	Total Cost to Pursue Action Cumulative through FY10
Army	Rocky Mountain Arsenal	Adams County, CO	Cost Recovery	Underway	\$2,974,298	\$224,738,478	N/A	N/A
Army	Rocky Mountain Arsenal	Adams County, CO	Cost Sharing	Underway	\$9,717,755	\$323,494,450	N/A	N/A
Army	Twin Cities Army Ammunition Plant	Arden Hills, MN	Cost Recovery	Underway	\$137,853	\$2,219,608	N/A	N/A
Navy	Allegany Ballistics Lab (ATK)	Rocket Center, WV	Cost Sharing	Underway	\$0	\$529,868	N/A	N/A
Navy	Navsta Great Lakes – Pettibone Creek Site	North Chicago, IL	Cost Sharing	Underway	\$0	\$1,233,284	\$20,159	\$249,800
Navy	NIROP Fridley	Minneapolis, MN	Cost Sharing	Complete	\$0	\$4,600,000	N/A	\$743,397
Navy	Pearl Harbor Naval Complex, NMC EAD DET PH, Oahu Sugar Site — Kaanapali Land, LLC and Oahu Sugar Bankruptcy Action	Pearl Harbor, HI	Cost Sharing	Underway	N/A	N/A	\$30,554	\$322,120
Navy	Pearl Harbor Naval Complex, NMC EAD DET PH, Waipahu Ash Landfill	Pearl Harbor, HI	Cost Recovery	Underway	\$6,502,857	\$11,559,055	\$4,015	\$233,263
Air Force	Air Force Plant 36	Evendale, OH	Cost Recovery	Underway	\$0	\$0	\$3,252	\$3,252
Air Force	Air Force Plant 42	Palmdale, CA	Cost Recovery	Underway	\$0	\$0	\$17,735	\$17,735
Air Force	Air Force Plant 44	Tucson, AZ	Cost Recovery	Underway	\$1,010,000	\$4,120,000	\$0	N/A
Air Force	Air Force Plant 59	Binghamton, NY	Cost Recovery	Underway	\$0	\$0	\$0	\$0
Air Force	Air Force Plant 85	Columbus, OH	Cost Recovery	Underway	\$0	\$0	\$125,370	\$125,370
Air Force	Air Force Plant PJKS	Wateron, CO	Cost Recovery	Complete	\$0	\$3,500,000	N/A	N/A
Air Force	Grissom Air Force Base	Miami County, IN	Cost Recovery	Underway	\$0	\$0	\$0	\$0
Air Force	Vandenberg Air Force Base	Vandenberg Air Force Base, CA	Cost Recovery	Underway	\$0	\$0	\$273,000	\$963,000
DLA	Former Defense Supply Center South Philadelphia	Philadelphia, PA	Cost Recovery	Underway	\$0	\$2,000,000	\$500,000	\$6,000,000
FUDS	Blaine Naval Ammunition Depot	Hastings, NE	Cost Recovery	Underway	N/A	N/A	N/A	N/A
				DoD Total	\$20,342,763	\$577,994,743	\$974,085	\$7,914,540

Figure D-6.10 BRAC Early Transfer Authority Acreage in FY10

DoD Component	Installation Name	Date Transferred	Conveyance	Number of Acres Transferred
Army	Lone Star Army Ammunition Plant	10/1/10	Economic Development Conveyance	8,874
Army	Lone Star Army Ammunition Plant	10/1/10	Negotiated Sale	5,424
			Total	14,298

Figure D-6.11 Total Number of RABs at Active and BRAC Installations and FUDS Properties

DoD Component	Active RABs	BRAC RABs	Total RABs
Army	31	20	51
Navy and Marine Corps	52	24	76
Air Force	63	29	92
DLA	1	2	3
FUDS	N/A	N/A	43
	265		

Figure D-6.12 RAB Expenditures by DoD Component (Millions)\*

DoD Component	FY06	FY07	FY08	FY09	FY10
Army	\$0.5	\$0.4	\$0.4	\$0.4	\$0.3
Navy and Marine Corps	\$1.2	\$1.4	\$1.5	\$1.2	\$1.9
Air Force	\$0.3	\$0.3	\$1.1	\$0.8	\$0.5
DLA	\$0.6	\$0	\$0	\$0	\$0
FUDS	\$0.4	\$0.4	\$0.5	\$0.5	\$0.8
Total	\$3.1	\$2.5	\$3.4	\$3.0	\$3.5

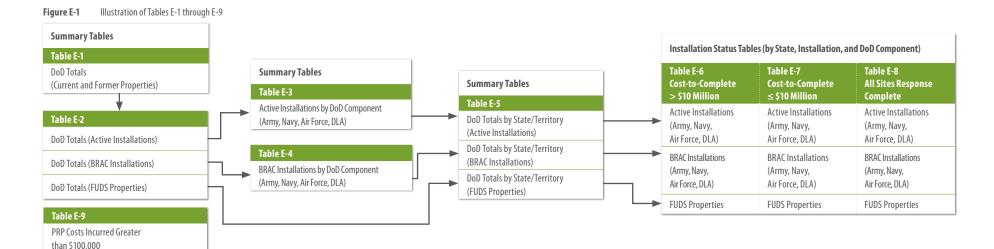
<sup>\*</sup> Subtotals may not add to totals due to rounding.

# Status Tables

**Installation Restoration Program and Military Munitions Response Program** 

The status tables in this appendix present data for the Installation Restoration Program (IRP) and the Military Munitions Response Program. The data in these tables are required by 10 United States Code §2706(a)(2), which defines the Defense Environmental Restoration Program (DERP) information that must be included in this Defense Environmental Programs Annual Report to Congress.

These tables are arranged by installation, state, and Department of Defense Component. They portray various aspects of the DERP such as cleanup status and funding information. The IRP statistics in this appendix include statistics for the Building Demolition/ Debris Removal Program, a minor DERP category.



The Department of Defense (DoD) Components were required to report Munitions Response Site Prioritization Protocol (MRSPP) scores beginning in fiscal year (FY) 2008. The MRSPP provides a framework for implementing §311(b) of the National Defense Authorization Act for FY02. The Act requires DoD Components to assign a relative priority to each munitions response site (MRS) known or suspected to contain unexploded ordnance, discarded military munitions, or munitions constituents. This relative priority is known as the MRS priority. Priority is based on explosive, chemical warfare materiel, and health hazard evaluations conducted for each MRS. The priority assigned to an MRS may be one of eight numeric scores or have one of these alternative ratings: evaluation pending; no longer required; or no known or suspected hazards.

(by DoD Component and State)

Figure E-1 illustrates the descriptions of each of the nine status tables in this appendix. Here is a brief description of each one:

- Status Table E-1 provides a data summary of Defense Environmental Restoration Program (DERP) sites at all current and former DoD properties.
- Status Table E-2 provides separate summaries of DERP sites at active installations, Base Realignment and Closure (BRAC) installations, and Formerly Used Defense Site (FUDS) properties.
- Status Table E-3 subdivides the active installations presented in Table E-2 by DoD Component (Army, Navy, Air Force, and the Defense Logistics Agency [DLA]).
- Status Table E-4 subdivides the BRAC installations presented in Table E-2 by DoD Component (Army, Navy, Air Force, and DLA).
- Status Table E-5 provides status and cost summaries of DERP sites at active installations, BRAC installations, and FUDS properties located within the 50 states, U.S. territories, and the District of Columbia.

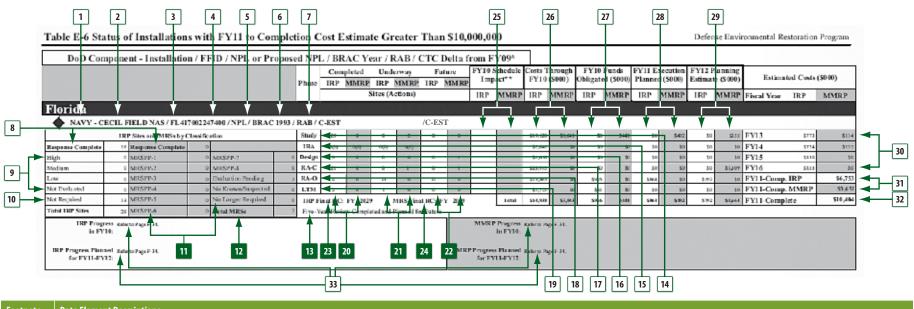
- Status Table E-6 provides five-year review report status and explanations for significant changes in cost-to-complete (CTC) estimates since FY09. It also provides National Priorities List (NPL) status, BRAC round year(s), site status, and funding information for active installations, BRAC installations, and FUDS properties that have:
  - Ongoing or planned investigations or cleanup actions
  - Estimated CTC greater than \$10 million for the Installation Restoration Program (IRP) and the Military Munitions Response Program (MMRP)
- Status Table E-7 provides site counts and cost data for active installations, BRAC installations, and FUDS properties that have:
  - · Ongoing or planned investigations or cleanup actions
  - Estimated CTC less than or equal to \$10 million for the IRP and the MMRP
- Status Table E-8 lists the total number of sites and costs incurred for active installations, BRAC installations, and FUDS properties that have achieved response complete status at all sites.
- Status Table E-9 provides data by state for installations that have incurred potentially responsible party costs greater than \$100,000 through FY10.

The number of installations reported in Status Tables E-1 and E-2 represents the number of installations funded by each DoD Component. Note that the number of installations reported in these tables may exceed the number of actual installations because:

- Installations may be funded by more than one DoD Component
- Prior year Environmental Restoration (ER) funding may be reported for installations that are now funded completely by the BRAC Program
- Current and future ER and BRAC funding may be reported for one installation with both ER and BRAC sites

Figure E-2 provides detailed descriptions of the data elements in the status tables.

**DERP Data Element Descriptions** Figure E-2



Footnote	Data Element Descriptions
1	DoD Component Name—identifies the DoD Component responsible for environmental cleanup (Army, Navy, Air Force, DLA, or FUDS).
2	Installation Name—provides the name of the DoD installation or FUDS property.
3	Federal Facility Identification Number (FFID)—a unique 14-digit alpha-numeric identifier used to manage and track the DoD installation or FUDS property.
4	NPL or Proposed NPL—if displayed, indicates that the DoD installation or FUDS property is either listed on or has been proposed for listing on the U.S. Environmental Protection Agency's NPL. The NPL is the list of national priorities among the known releases or threatened releases of hazardous substances and pollutants or contaminants throughout the United States and its territories.
5	BRAC Year—if displayed, indicates that the DoD installation has been identified for closure or realignment under one or more of the five BRAC rounds (1988, 1991, 1993, 1995, and 2005).
6	Restoration Advisory Board (RAB)—if displayed, indicates that a RAB has been established and continues to operate, providing communities effected by DERP activities at the DoD installation or FUDS property with the ability to discuss, evaluate, and exchange information in an open forum.
7	CTC Delta from FY09—if displayed, indicates that the current funding projection has changed by more than 10 percent as compared to the funding projection reported in FY09. There are three possible explanations for CTC deltas (which include, but are not limited to, the examples that follow them): technical issues (additional sites identified, incomplete site data, additional or extended remedial action operation required); regulatory issues (changes to an existing cleanup requirement, new regulations); and changes in estimating criteria (addition of cost data that were overlooked or previously unknown, database updates and corrections).
8	Response Complete (RC)—represents the number of DERP sites at which all cleanup objectives have been met. The number of IRP sites that have achieved RC is displayed in the white cell, and the number of MRSs that have achieved RC is displayed in the gray cell.
9	Relative Risk Site Evaluation (RRSE) Status—the RRSE framework is a methodology used by DoD to evaluate the relative risk posed by an IRP site in relation to other IRP sites. These cells display the number of IRP sites in each of the following relative risk categories: High, Medium, Low, Not Evaluated, and Not Required.
10	Total IRP Sites—represents the total number of IRP sites at the DoD installation or FUDS property. This number corresponds to the number of sites at RC, plus the number of sites in each of the relative risk categories.
11	MRSPP Status—the MRSPP is used by DoD to assign a relative priority to each MRS, based on potential hazards and site conditions, to rank sites for cleanup and funding. These cells display the number of MRSs with each of the eight numeric MRSPP scores

and the following three alternative ratings: evaluation pending, no known or suspected hazards, and evaluation no longer required. A Priority 1 MRS contains the highest potential hazard, while a Priority 8 MRS contains the lowest potential hazard.

**DERP Data Element Descriptions** Figure E-2, cont.

Footnote	Data Element Descriptions
12	Total MRSs—represents the total number of MRSs at the DoD installation or FUDS property. This number corresponds to the sum of the MRSs associated with each of the eight numeric MRSPP scores, plus the number of MRSs assigned to each of the three alternative ratings.
13	Five-Year Review Status—provides the status of the five-year review for the DoD installation or FUDS property, where such review is required. A five-year review may be completed, underway, planned for the future, or any combination thereof. It is important to note that a five-year review may be required for selected DERP sites, not necessarily all sites at the installation or property.
14	Study—comprises three investigation phases: preliminary assessment (PA), site inspection (SI), and remedial investigation/feasibility study (RI/FS). The PA is a review of existing information to determine if a hazardous substance or pollutant or contaminant release(s) requires additional investigation or action. The SI is an on-site investigation to augment the data collected in the PA and determine the need for further action. The RI/FS characterizes the site and evaluates various alternatives for cleanup of the site.
15	Interim Remedial Action (IRA)—a remedial action undertaken prior to selection of the final remedy as a component of a larger remedy at a DERP site.
16	Design—includes developing the design plans for and specifications of the selected remedy at a DERP site.
17	Remedial Action Construction (RA-C)—represents the period of time that a response action is being implemented but is not yet operating as designed. At the end of this phase of work, the remedy is in place.
18	Remedial Action Operation (RA-O)—represents the period of time that a selected remedy must operate before achieving cleanup objectives. At the end of this phase of work, the response is complete.
19	Long-Term Management (LTM)—includes activities such as environmental monitoring, review of site conditions, and maintenance of a remedy to ensure continued protection as designed once a DERP site achieves RC.
20	Phases Completed—represents the number of DERP sites that have completed each phase. The number of IRP sites associated with each phase is displayed in the white cells, and the number of MRSs associated with each phase is displayed in the gray cells.
21	Phases Underway—represents the number of DERP sites with each phase underway as of the end of FY10. The number of IRP sites associated with each phase is displayed in the white cells, and the number of MRSs associated with each phase is displayed in the gray cells.
22	Phases Planned for the Future—represents the number of DERP sites with each phase planned for FY11 and beyond. All DERP sites require at least one of the three investigation phases that comprise the study phase (PA, SI and RI/FS), but they may not require all of the remaining phases (IRA, design, RA-C, RA-O, and LTM); thus, adding up the number of sites with each of the remaining phases completed, underway, and planned for the future matches the total number of sites, while adding up the number of sites with each of the remaining phases completed, underway, and planned for the future generally does not. The number of IRP sites associated with each phase is displayed in the white cells, and the number of MRSs associated with each phase is displayed in the gray cells.
23	IRP Final RC—represents the fiscal year in which all IRP sites achieved or will achieve RC.
24	MMRP Final RC—represents the fiscal year in which all MRSs achieved or will achieve RC.
25	Schedule Impact in FY10—if displayed, indicates that the schedule for a phase was impacted in FY10. The reasons a schedule may be impacted include technical, contracting, personnel, regulatory, and funding issues. Reasons for impacts to IRP cleanup are displayed in the white cells, and reasons for impacts to MMRP cleanup are displayed in the gray cells.
26	Costs Through FY10—represents funding allocated to DERP sites for each phase from the time cleanup activities began through FY10, in thousands of dollars. Funding to date for IRP sites is displayed in the white cells, and funding to date for MRSs is displayed in the gray cells. Note that the MMRP was established in 2001; prior to that, costs related to addressing sites contaminated with unexploded ordnance, discarded military munitions, and munitions constituents were included with IRP costs.
27	FY10 Funds Obligated—represents funding allocated to DERP sites for each phase in FY10, in thousands of dollars. FY10 funding for IRP sites is displayed in the white cells, and FY10 funding for MRSs is displayed in the gray cells.
28	FY11 Execution Planned—represents funding projected for allocation to DERP sites for each phase in FY11, in thousands of dollars. Projected funding for IRP sites is displayed in the white cells, and projected funding for MRSs is displayed in the gray cells.
29	FY12 Planning Estimate—represents funding projected for allocation to DERP sites for each phase in FY12, in thousands of dollars. Projected funding for IRP sites is displayed in the white cells, and projected funding for MRSs is displayed in the gray cells.
30	Estimated Costs FY13 Through FY16—represents funding projected for allocation to DERP sites in each year from FY13 through FY16, in thousands of dollars. Projected funding for IRP sites is displayed in the white cells, and projected funding for MRSs is displayed in the gray cells.
31	IRP and MMRP CTC—represents funding projected for allocation to DERP sites from FY11 through completion of cleanup activities, including LTM, in thousands of dollars. The CTC for IRP sites is displayed in the white cell, and the CTC for MRSs is displayed in the gray cell.
32	Total CTC—represents funding projected for allocation to DERP sites from FY11 through completion of IRP and MMRP cleanup activities, including LTM, in thousands of dollars.
33	IRP/MMRP Progress—describes IRP and MMRP cleanup progress made during FY10, and IRP and MMRP cleanup activities planned for the next two years. If the DoD installation or FUDS property requires an environmental restoration narrative, reference to that narrative is provided in this section.

Installations and Properties with DERP-eligible sites in FY10 Figure E-3

DoD Component	Number of Installations/Properties
Army	1,323
Navy	254
Air Force	323
Defense Logistics Agency	7
Formerly Used Defense Sites	2,691
Total	4,598

Figure E-4 Installations Funded by Multiple DoD Components in FY10

DoD Components Providing Funding	Installation	FFID
Army and Air Force	Massachusetts Military Reservation (MMR)	MA157282448700

Figure E-3 lists the total number of installations and properties with DERP-eligible sites reported by each DoD Component in FY10.

Figure E-4 lists installations that received funding for restoration activities from more than one DoD Component in FY10.

Although BRAC installations are funded primarily by one of the BRAC accounts, some installations may also receive ER funding because both ER and BRAC sites are being addressed at these installations. Figure E-5 lists installations with both ER and BRAC sites. It also provides site counts, funds spent through FY10, and CTC estimates for the ER and BRAC sites.

Figure E-5 Installations with Multiple Funding Sources

DoD Component	Installation	FFID	Number of ER Sites	Number of BRAC Sites	ER Funding to Date (\$000)	BRAC Funding to Date (\$000)	ER CTC (\$000)	BRAC CTC (\$000)
Army	Deseret Chemical Depot	UT821382026500	31	8	\$23,775	\$1,130	\$23,467	\$104,604
Army	Detroit Arsenal	MI521382026800	1	26	\$17	\$9,747	\$0	\$77
Army	Devens Reserve Training Facility	MA121042027000	10	78	\$230	\$153,163	\$0	\$27,406
Army	Fort Buchanan	PR22140RQ32700	27	1	\$3,466	\$474	\$6,866	\$0
Army	Fort George G. Meade	MD321022056700	40	14	\$51,108	\$56,247	\$10,324	\$2,314
Army	Fort Greely	AK021452215500	58	19	\$23,487	\$21,188	\$6,588	\$0
Army	Fort Indiantown Gap	PA321402044400	12	3	\$529	\$1,349	\$0	\$0
Army	Fort McClellan	AL421372056200	7	130	\$13,561	\$241,354	\$0	\$213,093
Army	Fort McPherson	GA421402056500	10	7	\$8,112	\$2,096	\$0	\$391
Army	Fort Monmouth	NJ221382059700	23	33	\$12,506	\$16,879	\$0	\$17,318
Army	Fort Monroe	VA321372060300	3	30	\$2,012	\$5,045	\$0	\$72,750
Army	Fort Totten	NY221022089700	6	15	\$27	\$830	\$0	\$0
Army	Indiana Army Ammunition Plant	IN521382044300	89	2	\$24,262	\$3,444	\$441	\$0
Army	Kansas Army Ammunition Plant	KS721382046700	12	17	\$33,639	\$9,411	\$0	\$6,015
Army	Letterkenny Army Depot	PA321382050300	77	42	\$106,673	\$29,138	\$2,893	\$2,392
Army	Lone Star Army Ammunition Plant	TX621382183100	39	9	\$26,231	\$3,923	\$0	\$6,685

Figure E-5, cont. Installations with Multiple Funding Sources

DoD Component	Installation	FFID	Number of ER Sites	Number of BRAC Sites	ER Funding to Date (\$000)	BRAC Funding to Date (\$000)	ER CTC (\$000)	BRAC CTC (\$000)
Army	Newport Chemical Depot	IN521382227200	10	9	\$19,579	\$2,109	\$0	\$1,819
Army	Red River Army Depot	TX621382073800	60	32	\$25,897	\$23,133	\$49,955	\$10,348
Army	Riverbank Army Ammunition Plant	CA921382075900	9	4	\$54,664	\$4,166	\$0	\$1,405
Army	Sierra Army Depot	CA921382084300	52	12	\$70,772	\$25,926	\$12,896	\$16,058
Army	Tooele Army Depot	UT821382089400	43	29	\$61,207	\$68,996	\$28,078	\$10,673
Army	Vancouver Barracks	WA021402092400	2	5	\$96	\$214	\$0	\$1,080
Navy	Barbers Point NAS	HI917002432600	14	21	\$8,443	\$55,343	\$5,069	\$413
Navy	Bethesda NAVMEDCOM NATCAPREG	MD317002468700	8	1	\$3,552	\$54	\$887	\$0
Navy	Brunswick NAS	ME117002201800	15	13	\$64,199	\$27,662	\$0	\$45,393
Navy	Concord NWS	CA917002452800	10	17	\$80,555	\$14,252	\$0	\$23,775
Navy	Guam FISC	GU917002753200	6	1	\$17,433	\$1,099	\$364	\$0
Navy	Guam NAVACTS	GU917002758300	34	2	\$53,415	\$2,505	\$30,226	\$102
Navy	Guam NSRF	GU917002758500	3	9	\$10,816	\$2,631	\$23,418	\$0
Navy	Key West NAS	FL417002295200	29	5	\$36,889	\$2,076	\$39,161	\$0
Navy	Long Beach NS San Pedro	CA917002755400	3	5	\$3,095	\$3,562	\$7,230	\$0
Navy	Memphis NAS	TN417002260000	45	39	\$11,995	\$12,709	\$22,729	\$1,393
Navy	San Diego NTC	CA917002320200	3	7	\$1,583	\$35,639	\$1,473	\$5,708
Navy	Willow Grove NAS	PA317002231200	9	5	\$7,777	\$4,388	\$0	\$17,475
Air Force	Grissom Air Force Base	IN557212447200	27	18	\$14,312	\$14,689	\$9,671	\$2,362
Air Force	Homestead Air Force Base	FL457212403700	27	17	\$3,454	\$30,951	\$43,689	\$1,509
Air Force	March Air Force Base	CA957212452700	25	28	\$23,715	\$136,022	\$22,648	\$15,536
Air Force	NAS Fort Worth, JRB Carswell Field	TX657002404200	58	12	\$27,024	\$24,347	\$20	\$225
Air Force	Rome Research Lab	NY257002445100	1	81	\$0	\$152,649	\$267	\$19,989

All DoD summary tables in this appendix include historical Defense Threat Reduction Agency (DTRA) cost data, but do not include DTRA site counts. DTRA is not shown separately in this appendix because it no longer has any DERP sites. There may be differences between the information in these tables and the information in other parts of this report. Such discrepancies can be attributed to the way project costs were captured in the past. For example, costs for interim

actions and designs were often combined with the costs for actual cleanup. However, costs for projects that covered multiple installations such as preliminary assessments (PAs) may not have been allocated to each installation where the PAs took place. Additionally, the tables in this appendix only contain cleanup costs. Program management and support costs are not managed at the site level.

Figure E-6 Phase I Joint Bases

Joint Base Name	Joint Base FFID(s)	Receiving DoD Component and Installation	Transferring DoD Component(s) and Installation(s)
Joint Base Andrews-Naval Air Facility Washington	MD357182400000	Andrews Air Force Base	Naval Air Facility Washington
Joint Base Little Creek-Story	VA317002248200	Naval Amphibious Base Little Creek	Fort Story (Army)
Joint Base McGuire-Dix-Lakehurst	NJ257182401800, NJ221042027500, and NJ217002727400	McGuire Air Force Base	Fort Dix (Army) and Naval Air Engineering Station Lakehurst
Joint Base Myer-Henderson Hall	VA321022062600	Fort Myer (Army)	Henderson Hall (Marine Corps)
Joint Region Marianas	GU917309951900	Navy Base Guam	Andersen Air Force Base

Figure E-7 Phase II Joint Bases

Joint Base Name	Receiving DoD Component and Installation	Transferring DoD Component(s) and Installation(s)
Joint Base Anacostia-Bolling	Anacostia Annex (Navy)	Bolling Air Force Base
Joint Base Charleston	Charleston Air Force Base	Naval Weapons Station Charleston
Joint Base Elmendorf-Richardson	Elmendorf Air Force Base	Fort Richardson (Army)
Joint Base Lackland-Sam Houston-Randolph	Lackland Air Force Base	Randolph Air Force Base and Fort Sam Houston (Army)
Joint Base Langley-Eustis	Langley Air Force Base	Fort Eustis (Army)
Joint Base Lewis-McChord	Fort Lewis (Army)	McChord Air Force Base
Joint Base Pearl Harbor-Hickam	Naval Station Pearl Harbor	Hickam Air Force Base and Hickam POL

One BRAC 2005 recommendation is for DoD to consolidate 26 installations with similar functions into 12 joint bases. Joint basing, which is designed to reduce duplication of efforts and generate cost savings, is occurring in two phases. Phase I was completed in FY10, and Phase II will be completed in FY11.

Each joint base combines two or three installations located next to or in close proximity to each other, but are aligned under different DoD Components. As each joint base is established, the DoD Component gaining responsibility (the Receiving DoD Component) assumes responsibility for operating the joint base. The DoD Component that transfers responsibility for an installation to the Receiving DoD Component is known as the Transferring DoD Component.

DoD has moved sites and funding from the Transferring DoD Component's inventories and budgets to the Receiving DoD Component's inventories and budgets for the Phase I joint bases, which are listed in Figure E-6. DoD also moved funding from the Transferring DoD Component's budgets to the Receiving DoD Component's budgets for future cleanup activities for the Phase II joint bases, which are listed in Figure E-7. These transfers are reflected in the IRP/MMRP status tables in this appendix. The funding to date for the Phase I joint bases shown in Status Tables E-6 and E-7 also includes historic funding reported by the Transferring DoD Components through FY09.

Under BRAC 2005, the Navy transferred 47 ER sites at Concord Naval Weapons Station (NWS) to the Army at the beginning of FY09. DoD began reporting cleanup status and funding information for these transferred sites under Military Ocean Terminal Concord in its FY09 annual report and will continue to do so in all of its subsequent annual reports. Historic funding through FY09 remains with Concord NWS.

Table E-1 Status of DoD Installations and FUDS Properties IRP/MMRP Summary as of September 30, 2010

1,920

Total Number of MMRP Installations with Sites

Defense Environmental Restoration Program

							Comp	leted	Unde	rway	Fut	ure	Costs Th		FY10 I		FY11 Ex		FY12 PI		Estimated Co	ete (\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY10 (	\$000)	Obligated	d (\$000)	Planned	(\$000)	Estimate	e (\$000)	Estimated Co	sts (ф000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IR	P MMRP
DoD Ins	tallat	ions and FUD	S Pro	perties																		
	IRP Sites and MRSs by Classification							2,055	2,011	2,375	1,406	52	\$10,223,037	\$1,257,914	\$308,554	\$278,215	\$216,588	\$204,963	\$162,814	\$171,575	FY13 \$1,03	,442 \$468,501
Response Complete	23,228	Response Complete	1,760			IRA	4394(6098)	120(127)	442(484)	80(85)			\$4,713,811	\$220,786	\$195,742	\$45,936	\$94,748	\$36,508	\$59,029	\$34,530	FY14 \$94	,811 \$525,601
High	644	MRSPP-1	0	MRSPP-7	81	Design	4,329	39	468	52	1,089	1,622	\$1,255,792	\$25,781	\$24,599	\$87	\$67,472	\$6,553	\$42,490	\$13,197	FY15 \$92	,057 \$527,361
Medium	712	MRSPP-2	54	MRSPP-8	37	RA-C	6,198	124	830	101	1,453	1,817	\$10,093,625	\$787,045	\$254,044	\$84,784	\$375,269	\$60,872	\$462,069	\$170,408	FY16 \$87	,430 \$524,892
Low	849	MRSPP-3	86	Evaluation Pending	2,085	RA-O	1,049	5	1,342	10	841	80	\$3,325,032	\$9,934	\$362,892	\$5,783	\$371,547	\$5,323	\$359,354	\$865	FY11-Comp. IRF	\$12,756,590
Not Evaluated	1,888	MRSPP-4	123	No Known/Suspected	91	LTM	1,845	203	1,696	67	2,149	1,524	\$1,303,782	\$27,781	\$143,353	\$5,625	\$118,018	\$2,663	\$126,242	\$2,333	FY11-Comp. MM	RP \$15,183,881
Not Required	2,255	MRSPP-5	163	No Longer Required	1,676							Total	\$30,915,079	\$2,329,241	\$1,289,184	\$420,430	\$1,243,642	\$316,882	\$1,211,998	\$392,908	FY11-Complete	\$27,940,471
Total IRP Sites	29,576	MRSPP-6	86	Total MRSs	4,482																	
		Total Number of IRE	Inetall	ations with Sites	3 435	1																

4,594

1077(1534)

1,090

2,429

158(158)

1.406

\$15,416 **FY13** 

\$9,968 FY14

\$3,137 **FY15** 

\$52,324 **FY16** 

\$41,040 **FY13** 

\$958 FY14

\$2,191 FY15

\$37,559 FY16

\$82,007

\$0 FY11-Comp. IRP

\$1,190 FY11-Comp. MMRP

\$0 FY11-Comp. IRP

\$259 FY11-Comp. MMRP

FY11-Complete

\$82,035 FY11-Complete

\$213,340

\$219,218

\$225,442

\$172,989

\$170,311

\$178,962

\$170,00

\$55,502

\$71,843

\$55,858

\$63,034

\$2,706,374

\$3,476,092

\$769,718

\$82,003

\$82,001

\$82,003

\$2,820,145

\$9,988,867

\$12,809,012

							Compl	eted	Unde	rway	Fut	ure	Costs Th		FY10 I Obligated		FY11 Ex Planned		FY12 P		Estimated	l Costs (	\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	F 1 10 (	\$UUU)	Obligated	1 (\$000)	rianneu	(\$000)	Estillat	e (\$000)	Estimated	r costs (	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
									Sites (Ac	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Active Installations																							
	IRP Sites and MRSs by Classification													\$330,996									
Response Complete	17,053	Response Complete	905			IRA	3159(4406)	31(35)	221(259)	69(72)			\$3,345,122	\$131,185	\$108,292	\$38,953	\$69,205	\$21,647	\$34,386	\$23,604	FY14	\$555,282	\$371,757
High	257	MRSPP-1	0	MRSPP-7	10	Design	2,185	10	303	28	348	648	\$760,323	\$2,945	\$7,741	\$53	\$37,569	\$5,099	\$22,753	\$7,869	FY15	\$524,653	\$389,500
Medium	509	MRSPP-2	34	MRSPP-8	33	RA-C	3,619	15	555	37	595	822	\$5,867,790	\$84,909	\$95,445	\$1,519	\$204,974	\$21,551	\$235,017	\$80,525	FY16	\$500,593	\$379,855
Low	691	MRSPP-3	56	Evaluation Pending	1,181	RA-O	818	3	1,048	6	593	76	\$2,267,608	\$5,820	\$280,416	\$5,783	\$250,507	\$1,238	\$285,147	\$865	FY11-Comp.	IRP	\$7,230,071
Not Evaluated	1,486	MRSPP-4	71	No Known/Suspected	27	LTM	845	6	1,175	21	1,412	608	\$896,117	\$7,088	\$85,623	\$3,347	\$77,392	\$554	\$86,988	\$884	FY11-Comp. 1	MMRP	\$4,425,296
Not Required	1,532	MRSPP-5	100	No Longer Required	885							Total	\$19,693,452	\$761,268	\$778,037	\$228,079	\$782,629	\$184,290	\$762,907	\$228,866	FY11-Comple	te	\$11,655,367
Total IRP Sites	21,528	MRSPP-6	36	Total MRSs	2,433																		
		Total Number of	IRP Ins	tallations with Sites	1,622																		
		Total Number of MM	IRP Ins	tallations with Sites	383																		

2

440

431

192

340

136

306

49

69

Total

10

925

926

848

Total

7(9)

20

980

4(4)

21

0

26

531

220(224)

101

270

442

300

1(1)

116

174

24

79

14(17)

36

713

75(75)

73

0

194

\$2,396,870

\$1,247,438

\$323,370

\$2.843.257

\$932,825

\$341,505

\$8,085,265

\$1,269,675

\$121,251

\$172,099

\$1,382,578

\$124,599

\$66,160

\$3,136,362

\$160,683

\$38,643

\$21,009

\$245,613

\$4,114

\$12,768

\$482,830

\$567,910

\$50,958

\$1,827

\$456,523

\$7,925

\$1,085,143

\$12,703

\$2,925

\$25,011

\$41,227

\$87,088

\$4,058

\$34

\$58,254

\$1,690

\$151,124

\$49,081

\$80,762

\$13,083

\$103,842

\$49,980

\$368,600

\$58,953

\$6,688

\$3,775

\$54,757

\$10,624

\$7,750

\$142,547

\$18,082

\$25,503

\$22,737

\$94,921

\$98,815

\$36,500

\$296,558

\$55,524

\$40

\$7,166

\$75,374

\$22,225

\$4,126

\$164,455

\$11,333

\$13,755

\$22,050

\$1,717

\$53,918

\$59,429

\$1,106

\$476

\$17,271

\$392

\$78,674

\$9,713

\$24,643

\$154,559

\$35,747

\$292,226

\$54,485

\$9,828

\$72,493

\$16,552

\$3,507

\$156,865

\$0

### **BRAC Installations**

	IRI	P Sites and MRSs by	Classific	cation		Study
Response Complete	4,065	Response Complete	215			IRA
High	203	MRSPP-1	0	MRSPP-7	3	Design
Medium	110	MRSPP-2	2	MRSPP-8	2	RA-C
Low	109	MRSPP-3	15	Evaluation Pending	71	RA-O
Not Evaluated	244	MRSPP-4	12	No Known/Suspected	6	LTM
Not Required	396	MRSPP-5	18	No Longer Required	209	
Total IRP Sites	5,127	MRSPP-6	8	Total MRSs	346	
		Total Number of	IRP Ins	tallations with Sites	228	
		Total Number of MM	IRP Ins	tallations with Sites	76	

# **Formerly Used Defense Sites**

	IRI	Sites and MRSs by	Classific	cation		Study
Response Complete	2,110	Response Complete	640			IRA
High	184	MRSPP-1	0	MRSPP-7	68	Design
Medium	93	MRSPP-2	18	MRSPP-8	2	RA-C
Low	49	MRSPP-3	15	Evaluation Pending	833	RA-O
Not Evaluated	158	MRSPP-4	40	No Known/Suspected	58	LTM
Not Required	327	MRSPP-5	45	No Longer Required	582	
Total IRP Sites	2,921	MRSPP-6	42	Total MRSs	1,703	
		Total Number of	IRP Ins	tallations with Sites	1,636	
		Total Number of MM	IRP Ins	tallations with Sites	1,470	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-3 Status of DoD Component Active Installations IRP/MMRP Summary as of September 30, 2010

3,404

839(1028)

536

290

208

5,066

1389(2014

1,031

329

125

6(6)

299

9(9)

3

0

353

26(28)

21

87

237

276

251

137(170

184

475

444

393

45(45)

179

1(1)

85

399

1,127

193

323

688

98

13

83

**Total** 

33

211

330

55

**Total** 

\$1,737,682

\$1,088,321

\$131,566

\$1,342,795

\$472,923

\$148,856

\$4,922,143

\$2,559,811

\$1,296,540

\$414,453

\$1,499,613

\$1,040,420

\$303,648

\$7,114,485

\$123,973

\$22,916

\$2,945

\$80,434

\$208,579

\$78,676

\$1,368

\$52,818

\$20,993

\$4,316

\$50,355

\$45,681

\$17,186

\$191,349

\$69,416

\$60,590

\$2,974

\$43,722

\$111,661

\$20,311

\$308,674

\$10,903

\$17,270

\$53

\$1,519

\$31,455

\$80,657

\$17,238

\$98,141

\$53,217

\$22,230

\$3,721

\$60,418

\$43,297

\$19,236

\$202,119

\$45,335

\$40,406

\$26,858

\$90,368

\$156,258

\$19,352

\$378,577

\$15,769

\$17,010

\$596

\$268

\$45,884

\$42,918

\$53

\$1,126

\$44,097

\$12,241

\$37,499

\$12,249

\$6,844

\$77,218

\$37,292

\$22,704

\$193,800

\$44,011

\$18,327

\$14,493

\$76,036

\$147,726

\$36,585

Defense Environmental Restoration Program

\$22,314 **FY13** 

\$20,163 FY14

\$866 FY15

\$9,916 FY16

\$43,667 FY13

\$856 FY14

\$5,111 FY15

\$59,511 **FY16** 

\$0 FY11-Comp. IRP

\$109,329 FY11-Complete

\$184 FY11-Comp. MMRP

\$84 FY11-Comp. IRP

\$53,807 FY11-Complete

\$464 FY11-Comp. MMRP

\$200,572

\$206,408

\$212,253

\$319,474

\$227,980

\$225,410

\$53,135

\$53,618

\$52,841

\$54,303

\$2,186,908

\$1,796,197

\$3,983,105

\$124,927

\$144,254 \$123,288

\$101,726

\$3,252,079

\$943,647

\$4,195,726

							Comp	pleted	Unde	erway	Fu	ture	Costs Th		FY10 I Obligate		FY11 Ex Planned		FY12 P Estimat	lanning	Estimate	ed Costs (	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	F110(	φυυυ)	Obligate	1 (\$000)	riannec	1 (\$000)	Estimat	e (\$000)	Estillati	cu Costs (	φ000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
ARMY																							
	IRI	P Sites and MRSs by (	Classifi	cation		Study	10,322	680	572	715	0	0	\$2,158,135	\$196,769	\$77,548	\$86,864	\$44,173	\$75,514	\$17,106	\$49,138	FY13	\$120,001	\$152,934
Response Complete	9,976	Response Complete	678	3		IRA	866(1281)	16(20)	58(61)	23(26)			\$946,162	\$29,593	\$26,709	\$4,445	\$6,569	\$4,584	\$3,810	\$2,585	FY14	\$117,576	\$173,885
High	87	MRSPP-1	(	MRSPP-7	6	Design	925	1	195	24	73	339	\$192,426	\$0	\$282	\$0	\$6,755	\$3,377	\$1,080	\$1,892	FY15	\$84,012	\$213,37
Medium	188	MRSPP-2	13	MRSPP-8	2	RA-C	1,648	6	283	28	152	344	\$2,854,869	\$3,107	\$0	\$0	\$54,188	\$9,310	\$80,225	\$11,098	FY16	\$74,384	\$223,826
Low	168	MRSPP-3	41	Evaluation Pending	487	RA-O	169	0	321	5	88	8	\$641,565	\$5,820	\$116,350	\$5,783	\$46,175	\$1,238	\$97,370	\$781	FY11-Comp	IRP	\$1,642,898
Not Evaluated	263	MRSPP-4	54	No Known/Suspected	12	LTM	244	0	434	6	309	207	\$440,928	\$3,129	\$47,711	\$1,391	\$38,526	\$286	\$27,319	\$236	FY11-Comp	MMRP	\$1,685,45
Not Required	212	MRSPP-5	70	No Longer Required	678							Total	\$7,234,085	\$238,418	\$268,600	\$98,483	\$196,386	\$94,309	\$226,910	\$65,730	FY11-Comp	lete	\$3,328,350
Total IRP Sites	10,894	MRSPP-6	20	Total MRSs	1,395																		
		Total Number of I	RP Ins	tallations with Sites	1,122																		
		Total Number of MM	RP Ins	tallations with Sites	220																		
						•																	

# **■ NAVY**

	IRF	Sites and MRSs by	Classific	ation		Study
Response Complete	2,495	Response Complete	76			IRA
High	158	MRSPP-1	0	MRSPP-7	4	Design
Medium	150	MRSPP-2	21	MRSPP-8	31	RA-C
Low	219	MRSPP-3	15	Evaluation Pending	120	RA-O
Not Evaluated	64	MRSPP-4	17	No Known/Suspected	15	LTM
Not Required	756	MRSPP-5	24	No Longer Required	56	
Total IRP Sites	3,842	MRSPP-6	10	Total MRSs	313	
		Total Number of I	RP Inst	allations with Sites	204	
	7	Total Number of MM	RP Inst	allations with Sites	75	

## AIR FORCE

	IRF	Sites and MRSs by	Classific	ation		Study
Response Complete	4,255	Response Complete	151			IRA
High	10	MRSPP-1	0	MRSPP-7	0	Design
Medium	171	MRSPP-2	0	MRSPP-8	0	RA-C
Low	303	MRSPP-3	0	Evaluation Pending	574	RA-O
Not Evaluated	1,158	MRSPP-4	0	No Known/Suspected	0	LTM
Not Required	547	MRSPP-5	0	No Longer Required	151	
Total IRP Sites	6,444	MRSPP-6	0	Total MRSs	725	
		Total Number of I	RP Inst	allations with Sites	294	
	7	Total Number of MM	RP Inst	allations with Sites	89	

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-3 Status of DoD Component Active Installations IRP/MMRP Summary as of September 30, 2010

Defense Environmental Restoration Program

							Com	pleted	Und	erway	Fu	ture	Costs Th		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat	lanning	Fetimate	ed Costs (	(0002
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	T 1 10 (	puuu)	Obligate	և (ֆՍՍՍ)	riannec	ι (φυυυ)	Estimat	e (\$000)	Lamac	cu costs (	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
DEFENSI	E LC	OGISTICS AG	ENC	CY																			
	IRF	P Sites and MRSs by C	lassifi	cation		Study	344	0	4	0	0	0	\$93,150	\$0	\$738	\$0	\$257	\$0	\$0	\$0	FY13	\$5,066	\$0
Response Complete	327	Response Complete	O			IRA	65(83)	0(0)	0(0)	0(0)			\$14,099	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,318	\$0
High	2	MRSPP-1	0	MRSPP-7	0	Design	97	0	1	0	2	0	\$21,878	\$0	\$169	\$0	\$235	\$0	\$336	\$0	FY15	\$2,978	\$0
Medium	0	MRSPP-2	O	MRSPP-8	0	RA-C	156	0	1	0	4	0	\$150,671	\$0	\$1,368	\$0	\$0	\$0	\$1,538	\$0	FY16	\$3,196	\$0
Low	1	MRSPP-3	O	Evaluation Pending	0	RA-O	30	0	15	0	3	0	\$88,620	\$0	\$6,724	\$0	\$4,777	\$0	\$2,759	\$0	FY11-Comp	. IRP	\$148,186
Not Evaluated	1	MRSPP-4	O	No Known/Suspected	0	LTM	23	0	21	0	16	0	\$2,685	\$0	\$415	\$0	\$278	\$0	\$380	\$0	FY11-Comp	. MMRP	\$0
Not Required	17	MRSPP-5	0	No Longer Required	0							Total	\$371,103	\$0	\$9,414	\$0	\$5,547	\$0	\$5,013	\$0	FY11-Comp	lete	\$148,186
Total IRP Sites	348	MRSPP-6	O	Total MRSs	0																		
		Total Number of II	RP Ins	tallations with Sites	5																		

Table E-4 Status of DoD Component Closing Installations IRP/MMRP Summary as of September 30, 2010

Defense Environmental Restoration Program

Table E-4 Sta	itus of DoD Com	JUHE	iii Ciosing ins	iana	itions	IIXI /IV	1111111	Sum	mary a	15 OI 13	epten	ibei 50,	, 2010					De	Tellse Ell	ivironmentai R	restorati	on Frogran
						Comp	leted	Unde	rway	Fut	ure	Costs Tl		FY10 I Obligated		FY11 Ex Planned		FY12 Pl Estimate		Estimated	l Costs (S	\$000)
					Phase	IRP	MMRP		MMRP	IRP	MMRP		, ,									
								Sites (Ac	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
ARMY																						
	IRP Sites and MRSs by C	lassifica	ntion		Study	1,854	104	154	78	0	0	\$615,165	\$130,232	\$6,680	\$5,000	\$10,004	\$5,671	\$3,143	\$8,642	FY13	\$50,790	\$48,
Response Complete	1,783 Response Complete	99			IRA	218(267)	14(17)	11(11)	7(9)			\$53,503	\$25,780	\$650	\$1,742	\$4,921	\$10,520	\$1,508	\$9,612	FY14	\$52,602	\$67,
High	61 MRSPP-1	0	MRSPP-7	2	Design	347	3	14	1	43	35	\$99,151	\$21,009	\$178	\$0	\$1,915	\$978	\$1,952	\$181	FY15	\$58,621	\$55,
Medium	33 MRSPP-2	2	MRSPP-8	1	RA-C	519	15	30	3	73	52	\$1,082,186	\$202,941	\$23,089	\$21,904	\$14,111	\$10,752	\$28,385	\$15,668	FY16	\$33,361	\$61,
Low	72 MRSPP-3	13	Evaluation Pending	38	RA-O	33	1	56	0	19	1	\$116,150	\$525	\$18,667	\$0	\$21,349	\$0	\$17,821	\$0	FY11-Comp. 1	IRP	\$615,
Not Evaluated	10 MRSPP-4	2	No Known/Suspected	4	LTM	45	2	76	13	91	52	\$126,095	\$12,158	\$28,844	\$582	\$8,897	\$1,705	\$5,023	\$849	FY11-Comp. I	MMRP	\$624,
Not Required	49 MRSPP-5	16	No Longer Required	99							Total	\$2,092,250	\$392,645	\$78,108	\$29,228	\$61,197	\$29,626	\$57,832	\$34,952	FY11-Comple	ete	\$1,239,
Total IRP Sites	2,008 MRSPP-6	5	Total MRSs	182																		
	Total Number of	RP Ins	tallations with Sites	133																		
	Total Number of MM	RP Ins	tallations with Sites	40																		
NAVY																						
HAVI																						
	IRP Sites and MRSs by C	lassifica	ntion		Study	1,064	20	70	16	2	0	\$962,374	\$26,147	\$17,200	\$6,620	\$6,036	\$5,390	\$6,570		FY13	\$64,768	\$7,
Response Complete	832 Response Complete	8			IRA	0(0)	0(0)	0(0)	0(0)			\$784,447	\$12,863	\$70,094	\$1,183	\$19,214	\$3,235	\$23,135		FY14	\$60,704	\$4,
High	45 MRSPP-1	0	MRSPP-7	1	Design	239	0	32	2	37	13	\$74,753	\$0	\$4,572	\$0	\$7,370	\$0	\$4,276		FY15	\$58,267	S
Medium	24 MRSPP-2	0	MRSPP-8	1	RA-C	360	1	56	3	42	13	\$1,019,382	\$41,260	\$75,794	\$1,695	\$74,294	\$11,298	\$93,889		FY16	\$58,306	\$1,
Low	16 MRSPP-3	2	Evaluation Pending	13	RA-O	58	1	56	0	29	1	\$194,231	\$3,589	\$10,841	\$0	\$8,217	\$0	\$10,750		FY11-Comp. 1		\$1,071,
Not Evaluated	30 MRSPP-4	10	No Known/Suspected	2	LTM	115	1	63	0	50	15	\$119,388	\$0	\$14,083	\$0	\$7,144	\$0	\$6,890		FY11-Comp. 1		\$140,
Not Required	189 MRSPP-5	2	No Longer Required	2							Total	\$3,154,575	\$83,859	\$192,584	\$9,498	\$122,275	\$19,923	\$145,510	\$47,074	FY11-Comple	te	\$1,211,7
Total IRP Sites	1,136 MRSPP-6	3	Total MRSs	36																		
	Total Number of	RP Ins	tallations with Sites	61																		
	Total Number of MM	RP Ins	tallations with Sites	10																		
AIR FOR	RCE																					
	IRP Sites and MRSs by C	lassifica	ntion		Study	1,512	114	307	14	0	0	\$801,266	\$4,304	\$25,201	\$1,083	\$2,042	\$272	\$0	\$0	FY13	\$96,893	
Response Complete	1,293 Response Complete	108			IRA	833(1236)	0(0)	209(213)	0(0)			\$403,035	\$0	\$10,018	\$0	\$1,368	\$0	\$0	\$0	FY14	\$104,998	
High	97 MRSPP-1	0	MRSPP-7	0	Design	126	0	3	0	321	1	\$132,224	\$0	\$8,333	\$0	\$13,452	\$0	\$3,681	\$0	FY15	\$107,665	
Medium	53 MRSPP-2	0	MRSPP-8	0	RA-C	178	20	15	1	325	4	\$704,787	\$1,412	\$4,959	\$1,412	\$6,516	\$0	\$32,285	\$3	FY16	\$111,276	
Low	21 MRSPP-3	0	Evaluation Pending	20	RA-O	107	0	151	4	64	2	\$593,369	\$0	\$39,513	\$0	\$68,122	\$4,085	\$28,180	\$0	FY11-Comp. 1	IRP	\$1,009,
Not Evaluated	204 MRSPP-4	0	No Known/Suspected	0	LTM	50	0	297	7	283	1	\$94,806	\$610	\$6,717	\$6	\$20,459	\$12	\$23,834	\$6	FY11-Comp. I	MMRP	\$4,7
Not Required	151 MRSPP-5	0	No Longer Required	108							Total	\$2,729,487	\$6,326	\$94,741	\$2,501	\$111,959	\$4,369	\$87,980	\$9	FY11-Comple	te	\$1,014,2

128

32

0 Total MRSs

Total Number of IRP Installations with Sites

Total Number of MMRP Installations with Sites

1,819 MRSPP-6

Total IRP Sites

Table E-4 Status of DoD Component Closing Installations IRP/MMRP Summary as of September 30, 2010

Defense Environmental Restoration Program

						Com	pleted	Und	erway	Fut	ture	Costs Th		FY10 I Obligated		FY11 Ex Planned		FY12 P Estimat		Fetimat	ed Costs (	\$000
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP		φυσυ)	Obligated	u (\$000)	1 laintee	ι (φυσυ)	Estillat	e (4000)	Estimat	eu Costs (	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
DEFENS	E L(	OGISTICS AG	ENCY																			
	IRP	Sites and MRSs by C	lassification		Study	164	0	0	0	0	0	\$18,065	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$889	\$0
Response Complete	157	Response Complete	0		IRA	26(31)	0(0)	0(0)	0(0)			\$6,453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$914	\$0
High	0	MRSPP-1	0 MRSPP-7	0	Design	26	0	0	0	0	0	\$17,242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$889	\$0
Medium	0	MRSPP-2	0 MRSPP-8	0	RA-C	33	0	0	0	0	0	\$36,902	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$889	\$0
Low	0	MRSPP-3	0 Evaluation Pending	0	RA-O	0	0	7	0	0	0	\$29,075	\$0	\$2,831	\$0	\$1,127	\$0	\$904	\$0	FY11-Comp	. IRP	\$10,319
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	0	LTM	1	0	6	0	7	0	\$1,216	\$0	\$336	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$0
Not Required	7	MRSPP-5	0 No Longer Required	0							Total	\$108,953	\$0	\$3,167	\$0	\$1,127	\$0	\$904	\$0	FY11-Comp	lete	\$10,319
Total IRP Sites	164	MRSPP-6	0 Total MRSs	0																		
		Total Number of l	IRP Installations with Sites	2																		

Table E-5 Sta	itus	of State IRP	MIN	ARP Summary	y as	of Se	ptembe	er 30, 2	2010										De:	rense Env	ironmentai	Restoratio	on Program
							Comp	oleted	Unde	erway		ture	Costs Th		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat	lanning e (\$000)	Estim	ated Costs	(\$000)
						Phase	IRP	MMRP		MMRP	IRP	MMRP	,	. ,				·					
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<u>A</u> labama																							
Active In	nstall	lations																					
·	IRP	Sites and MRSs by C	lassifi	cation		Study	542	31	148	24	2	0	\$181,867	\$7,281	\$6,477	\$3,519	\$6,290	\$1,716	\$3,132	\$6	FY13	\$12,017	\$1,52
Response Complete	505	Response Complete	25			IRA	14(17)	1(1)	26(26)	0			\$31,147	\$1,254	\$581	\$0	\$1,111	\$0	\$436	\$0	FY14	\$8,328	\$2,3
High	3	MRSPP-1	0	MRSPP-7	1	Design	34	0	22	0	15	13	\$8,824	\$0	\$0	\$0	\$38	\$11	\$3,317	\$149	FY15	\$5,290	\$1,4
Medium	56	MRSPP-2	C	MRSPP-8	0	RA-C	86	0	36	2	28	14	\$113,689	\$0	\$0	\$0	\$4,070	\$0	\$5,485	\$284	FY16	\$5,131	\$2
Low	67	MRSPP-3	5	Evaluation Pending	14	RA-O	13	0	43	0	23	0	\$46,547	\$45	\$12,155	\$45	\$3,207	\$0	\$7,908	\$0	FY11-Comp	p. IRP	\$115,1
Not Evaluated	28	MRSPP-4	4	No Known/Suspected	0	LTM	9	0	20	0	65	9	\$5,598	\$0	\$197	\$0	\$203	\$0	\$704	\$60	FY11-Comp	p. MMRP	\$9,40
Not Required	33	MRSPP-5	4	No Longer Required	25							Total	\$387,672	\$8,580	\$19,410	\$3,564	\$14,919	\$1,727	\$20,982	\$499	FY11-Comp	plete	\$124,5
Total IRP Sites	692	MRSPP-6	2	Total MRSs	55																		
		Total Number of II	RP Ins	tallations with Sites	44																		
	Т	otal Number of MMI	RP Ins	tallations with Sites	6																		
BRAC I	nstal	lations																					
Diale I						G. 1	T					-		*****		**		4-		4.7	EX742	60.702	£2.0
		Sites and MRSs by C	lassifi	cation		Study	156	6	8	1	0	0	\$159,186	\$11,966	\$886	\$0	\$1,476	\$0	\$0		FY13	\$9,792	\$2,0
Response Complete		Response Complete	6			IRA	27(33)	2(4)	1(1)	1(1)			\$4,822	\$6,499	\$0	\$0	\$409	\$0	\$0		FY14	\$8,116	\$2,00
High		MRSPP-1	C	MRSPP-7	0	Design	4	0	1	0	0	0	\$3,478	\$363	\$0	\$0	\$0	\$0	\$0		FY15	\$7,317	\$2,5.
Medium	_	MRSPP-2	1	MRSPP-8	0	RA-C	8	2	1	0	4	1	\$63,726	\$27,967	\$427	\$1,749	\$0	\$1,420	\$3,000		FY16	\$6,803	\$5,7
Low		MRSPP-3	C	Evaluation Pending	0	RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$116		FY11-Comp		\$141,4
Not Evaluated		MRSPP-4	C	No Known/Suspected	0	LTM	0	0	4	3	1	1	\$26,364	\$104	\$25,549	\$0	\$2,035	\$104	\$2,085		FY11-Comp		\$72,8
Not Required		MRSPP-5	C	No Longer Required	6							Total	\$257,576	\$46,899	\$26,862	\$1,749	\$3,920	\$1,524	\$5,201	\$2,000	FY11-Comp	plete	\$214,30
Total IRP Sites	164	MRSPP-6	0	Total MRSs	7																		
	-	Total Number of II			3																		
	Т	otal Number of MMI	RP Ins	tallations with Sites	1																		
Formerly	y Use	ed Defense Site	es																				
·	IRP	Sites and MRSs by C	lassifi	cation		Study	29	6	3	10	3	0	\$15,021	\$13,741	\$680	\$3,493	\$1,238	\$534	\$174	\$10	FY13	\$323	\$8
Response Complete	28	Response Complete	5			IRA	4(4)	0	0	0			\$2,628	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$612	
High	2	MRSPP-1	C	MRSPP-7	0	Design	17	1	3	0	0	9	\$967	\$9	\$17	\$0	\$0	\$0	\$137	\$21	FY15	\$451	
Medium	1	MRSPP-2	C	MRSPP-8	0	RA-C	19	0	2	2	4	8	\$8,180	\$32,590	\$573	\$7,514	\$387	\$215	\$177	\$0	FY16	\$692	:
Low	0	MRSPP-3	C	Evaluation Pending	10	RA-O	1	0	0	0	2	0	\$21	\$0	\$5	\$0	\$0	\$0	\$0	\$0	FY11-Comp	p. IRP	\$16,6
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	10	2	1	0	4	5	\$218	\$16	\$40	\$0	\$27	\$0	\$29	\$6	FY11-Comp	p. MMRP	\$44,3
Not Required	4	MRSPP-5	C	No Longer Required	5				•			Total	\$27,035	\$46,356	\$1,315	\$11,007	\$1,652	\$749	\$517	\$37	FY11-Comp	plete	\$60,97
Total IRP Sites	35	MRSPP-6	C	Total MRSs	16	1																	

Table E-5 Sta	ıtus	of State IRP/	IVIIVIE	Cr Summary	as (	or Sel	ptemb	er 30, 2	4U1U										De	Tense Env	/ironmentai	Nestoratio	ni Program
								pleted		erway		ture	Costs T FY10		FY10 l Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	nted Costs	(\$000)
						Phase	IRP	MMRP		MMRP	IRP	MMRP		MADD	TDD	MADD	IDD	MADD	IDD	MARIN	E' 137	TDD	MADD
									Sites (A	(ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Alaska																							
Active In	ıstal	lations																					
	IRP	Sites and MRSs by Cl	lassificati	ion		Study	901	244	71	49	106	0	\$310,202	\$27,379	\$21,192	\$10,093	\$14,078	\$3,882	\$683	\$7,282	FY13	\$84,345	\$10,867
Response Complete	707	Response Complete	241			IRA	232(342)	0	16(17)	1(1)			\$88,808	\$341	\$7,929	\$0	\$1,302	\$0	\$732	\$0	FY14	\$52,792	\$4,233
High	1	MRSPP-1	0 M	IRSPP-7	0	Design	85	0	6	0	1	7	\$29,711	\$0	\$0	\$0	\$1	\$0	\$0	\$0	FY15	\$51,862	\$1,998
Medium	37	MRSPP-2	0 M	IRSPP-8	0	RA-C	239	0	65	0	61	22	\$375,781	\$0	\$29,793	\$0	\$44,504	\$0	\$27,547	\$5,494	FY16	\$23,177	\$770
Low	95	MRSPP-3	0 E	valuation Pending	41	RA-O	46	0	82	0	29	2	\$112,968	\$0	\$12,224	\$0	\$17,097	\$0	\$23,669	\$0	FY11-Comp	. IRP	\$437,225
Not Evaluated	146	MRSPP-4	3 N	o Known/Suspected	0	LTM	47	0	51	0	98	25	\$35,952	\$0	\$2,231	\$0	\$2,345	\$0	\$9,052	\$0	FY11-Comp	. MMRP	\$52,008
Not Required	92	MRSPP-5	6 N	o Longer Required	241							Total	\$953,422	\$27,720	\$73,369	\$10,093	\$79,327	\$3,882	\$61,683	\$12,776	FY11-Comp	lete	\$489,233
Total IRP Sites	1,078	MRSPP-6	2 <b>T</b>	otal MRSs	293																		
		Total Number of IR	RP Install	ations with Sites	88																		
	T	otal Number of MMR	RP Install	ations with Sites	67																		
BRAC II	nstal	lations																					
	IRP	Sites and MRSs by Cl	lassificati	ion		Study	125	1	17	1	0	0	\$36,512	\$554	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$4,539	\$4,742
Response Complete	122	Response Complete	0			IRA	1(1)	0	0	0			\$2,075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,924	\$414
High	1	MRSPP-1	0 M	IRSPP-7	0	Design	45	0	0	0	17	0	\$11,525	\$0	\$8,000	\$0	\$13,046	\$0	\$0	\$0	FY15	\$2,286	\$65
Medium	0	MRSPP-2	0 M	IRSPP-8	0	RA-C	89	0	1	1	17	0	\$166,538	\$28,387	\$639	\$1,695	\$12,725	\$10,488	\$1,468	\$26,372	FY16	\$2,541	\$222
Low	0	MRSPP-3	0 E	valuation Pending	2	RA-O	6	0	2	0	17	1	\$46,353	\$0	\$6,611	\$0	\$17,909	\$0	\$2,004	\$0	FY11-Comp	. IRP	\$126,742
Not Evaluated	17	MRSPP-4	0 N	o Known/Suspected	0	LTM	36	0	0	0	17	0	\$5,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$67,632
Not Required	2	MRSPP-5	0 N	o Longer Required	0		•					Total	\$268,004	\$28,941	\$15,250	\$1,695	\$43,680	\$10,488	\$3,472	\$26,372	FY11-Comp	lete	\$194,374
Total IRP Sites	142	MRSPP-6	0 <b>T</b>	otal MRSs	2																		
		Total Number of IR	RP Install	ations with Sites	3																		
	Т	otal Number of MMR	RP Install	ations with Sites	2																		
Formerly	y Us	ed Defense Site	es																				
	IRP	Sites and MRSs by Cl	lassificati	ion		Study	220	8	32	16	23	0	\$95,200	\$16,300	\$6,148	\$3,998	\$4,664	\$2,379	\$14,286	\$4,293	FY13	\$48,757	\$4,28
Response Complete	189	Response Complete	8			IRA	11(11)	0	0	0			\$10,237	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$48,447	\$4,474
High	29	MRSPP-1	0 M	IRSPP-7	0	Design	152	1	19	0	34	14	\$37,026	\$30	\$457	\$0	\$379	\$0	\$685	\$0	FY15	\$51,908	\$4,473
Medium	14	MRSPP-2	0 M	IRSPP-8	0	RA-C	134	4	30	0	46	14	\$414,643	\$551	\$15,356	\$0	\$30,699	\$0	\$26,496	\$0	FY16	\$52,722	\$4,720
Low	1	MRSPP-3	2 E	valuation Pending	10	RA-O	3	0	2	0	3	0	\$8,657	\$0	\$866	\$0	\$850	\$0	\$915		FY11-Comp	. IRP	\$602,403
Not Evaluated	8	MRSPP-4	3 N	o Known/Suspected	3	LTM	125	4	16	0	44	16	\$12,381	\$244	\$1,636	\$141	\$975	\$0	\$1,150	\$0	FY11-Comp	. MMRP	\$505,773
Not Required	34	MRSPP-5	1 N	o Longer Required	5							Total	\$578,144	\$17,125	\$24,463	\$4,139	\$37,567	\$2,379	\$43,532	\$4,293	FY11-Comp	lete	\$1,108,176
Total IRP Sites		MRSPP-6		otal MRSs																			

**Total Number of IRP Installations with Sites** 

							Con	pleted	Un	derway	Fu	iture	Costs Tl FY10 (		FY10 l Obligate			xecution 1 (\$000)	FY12 P Estimate		Fetima	ted Costs	(0002)
						Phase	IRP	MMRP	IRP	<b>MMRP</b>	IRP	MMRP	F110(	φυυυ)	Obligate	u (\$000)	riannec	1 (\$000)	Estillat	e (\$000)	Listina	ica Costs	(ψ000)
									Sites (	(Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
American	Sai	moa																					
		sed Defense Site	es																				
	IRI	P Sites and MRSs by C	lassifi	cation		Study	5	0	0	2	1	0	\$351	\$305	\$0	\$75	\$0	\$704	\$0	\$192	FY13	\$203	\$0
Response Complete	4	Response Complete	(	•		IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$1,241
High	0	MRSPP-1	(	MRSPP-7	0	Design	1	0	0	0	2	2	\$303	\$0	\$0	\$0	\$0	\$0	\$0	\$50	FY15	\$0	\$0
Medium	0	MRSPP-2	(	MRSPP-8	0	RA-C	3	0	0	0	2	2	\$527	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0	MRSPP-3	(	Evaluation Pending	2	RA-O	3	0	0	0	0	0	\$493	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$1,280
Not Evaluated	0	MRSPP-4	(	No Known/Suspected	0	LTM	2	0	1	0	0	2	\$853	\$0	\$307	\$0	\$353	\$0	\$203	\$0	FY11-Comp	. MMRP	\$5,322
Not Required	2	MRSPP-5	(	No Longer Required	0							Total	\$2,527	\$305	\$307	\$75	\$353	\$704	\$203	\$242	FY11-Comp	lete	\$6,602
Total IRP Sites	6	MRSPP-6	(	Total MRSs	2																		
		Total Number of II	RP Ins	tallations with Sites	5																		
		Total Number of MMI	RP Ins	tallations with Sites	2																		

Table E-5 Sta	itus o	State IKF/	MMRP Summary	as or	sep	tembe	1 30, 2	2010												nomnemai	Restoratio	on Program
				D.		Comp			erway		ture	Costs Th		FY10 I Obligated		FY11 Ex Planned			lanning te (\$000)	Estim	ated Costs	(\$000)
				Ph	ase _	IRP	MMRP	IRP Sites (A	MMRP ctions)	IRP	MMRP		MMRP	IRP	MMRP	IRP	MMRP	IRP	MMDD	Fiscal Year	IDD	MMRP
A								Dites (A	(Ctions)			IKI	WIWIKI	IKI	WIWIKI	IKI	MINIKI	IKI	MINIKI	riscai Teai	IKI	MINIKI
Arizona																						
Active In	nstalla	tions																				
	IRP Sit	tes and MRSs by Cl	assification	Stu	ıdy	412	27	6	30	4	1	\$83,035	\$7,717	\$679	\$1,536	\$44	\$4,604	\$697	\$1,380	FY13	\$8,128	\$5,0
Response Complete	387 <b>R</b>	esponse Complete	22	IF	RA	69(83)	0	2(2)	0			\$24,863	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,898	\$2,1
High	0 M	IRSPP-1	0 MRSPP-7	0 Des	ign	38	0	2	3	3	14	\$19,948	\$0	\$0	\$0	\$684	\$0	\$165	\$51	FY15	\$4,065	\$6,7
Medium	2 M	IRSPP-2	0 MRSPP-8	3 <b>R</b> A	С	78	0	0	3	5	18	\$49,127	\$697	\$0	\$0	\$0	\$0	\$9,375	\$0	FY16	\$4,157	\$8,6
Low	1 M	IRSPP-3	1 Evaluation Pending	26 RA	О	14	0	22	0	1	1	\$78,714	\$0	\$6,728	\$0	\$4,958	\$0	\$4,674	\$0	FY11-Comp	p. IRP	\$80,6
Not Evaluated	10 M	IRSPP-4	1 No Known/Suspected	0 L7	M	16	0	23	0	26	9	\$10,414	\$0	\$650	\$0	\$1,167	\$0	\$1,123	\$0	FY11-Comp	p. MMRP	\$44,2
Not Required	22 M	IRSPP-5	3 No Longer Required	22							Total	\$266,101	\$8,414	\$8,057	\$1,536	\$6,853	\$4,604	\$16,034	\$1,431	FY11-Comp	plete	\$124,8
Total IRP Sites	422 M	IRSPP-6	2 Total MRSs	58																		
	-	Total Number of IR	P Installations with Sites	21																		
	Tota	al Number of MMR	P Installations with Sites	9																		
BRAC I	nstalla	tions																				
	IRP Sit	tes and MRSs by Cl	assification	Stu	ıdy	31	3	2	1	0	0	\$18,320	\$871	\$0	\$871	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	30 <b>R</b>	esponse Complete	3	IF	RA	29(33)	0	2(2)	0			\$4,984	\$0	\$570	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 M	IRSPP-1	0 MRSPP-7	0 Des	ign	1	0	0	0	1	0	\$2,603	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	1 M	IRSPP-2	0 MRSPP-8	0 <b>R</b> A	С	2	0	1	0	1	0	\$27,852	\$0	\$1,716	\$0	\$5,013	\$0	\$0	\$0	FY16	\$0	
Low	0 M	IRSPP-3	0 Evaluation Pending	1 <b>R</b> A	О	1	0	0	0	2	0	\$12,327	\$0	\$5	\$0	\$17,122	\$0	\$0	\$0	FY11-Comp	p. IRP	\$56,7
Not Evaluated	1 M	IRSPP-4	0 No Known/Suspected	0 L7	M	0	0	8	0	1	0	\$8,522	\$0	\$1,447	\$0	\$18,022	\$0	\$0	\$0	FY11-Comp	p. MMRP	
Not Required	1 M	IRSPP-5	0 No Longer Required	3							Total	\$74,608	\$871	\$3,738	\$871	\$40,157	\$0	\$0	\$0	FY11-Comp	plete	\$56,7
Total IRP Sites	33 M	IRSPP-6	0 Total MRSs	4																		
	-	Total Number of IR	P Installations with Sites	1																		
	Tota	al Number of MMR	P Installations with Sites	1																		
Formerl	y Used	l Defense Site	s																			
	IRP Sit	tes and MRSs by Cl	assification	Stı	ıdv	26	35	0	53	0	0	\$3,143	\$13,918	\$0	\$3,462	\$0	\$2,686	\$0	\$2,900	FY13	\$75	
Response Complete		esponse Complete	35	IF	RA	1(1)	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,654	
High	0 M	IRSPP-1	0 MRSPP-7	1 Des	ign	16	0	1	0	0	48	\$973	\$0	\$47	\$0	\$221	\$0	\$0	\$215	FY15	\$184	\$1,6
Medium		IRSPP-2	0 MRSPP-8		С	15	1	1	0	1	49	\$11,942	\$81	\$0	\$0	\$4,651	\$0	\$245		FY16	\$184	
Low	_	IRSPP-3	0 Evaluation Pending		-0	0	0	0	0	2	0	\$0	\$0		\$0	\$0	\$0	\$0		FY11-Com	p. IRP	\$7,7
Not Evaluated		IRSPP-4	0 No Known/Suspected	0 L7		6	0	0	0	0	40	\$376	\$0	\$2	\$0	\$0	\$0	\$0		FY11-Com		\$1,079,9
Not Required		IRSPP-5	4 No Longer Required	35		-				-	Total	\$16,434	\$13,999	\$49	\$3,462	\$4,872	\$2,686	\$245		FY11-Com		\$1,087,7
Total IRP Sites		IRSPP-6	2 Total MRSs	99										, ,								

							Comp			erway		ture	Costs Th FY10 (S		FY10 l Obligate		FY11 Ex Planned		FY12 Pl Estimate		Estima	ated Costs	(\$000)
						Phase	IRP	MMRP	IRP Sites (A	MMRP etions)	IRP	MMRP									Fiscal Year	TDD	MMDD
A 1									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IKP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Arkansas																							
Active In	ıstall	lations																					
	IRP	Sites and MRSs by C	lassifi	cation		Study	266	3	0	3	6	0	\$21,277	\$1,011	\$0	\$98	\$0	\$235	\$372	\$3,155	FY13	\$818	S
Response Complete	264	Response Complete	2			IRA	18(22)	0	0	0			\$6,678	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,257	\$1,48
High	0	MRSPP-1	0	MRSPP-7	0	Design	24	0	0	0	0	3	\$428	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$636	\$1
Medium	0	MRSPP-2	2	MRSPP-8	0	RA-C	46	0	0	0	0	3	\$17,058	\$488	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,025	S
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	5	0	2	0	0	0	\$3,901	\$0	\$232	\$0	\$81	\$0	\$2,624	\$0	FY11-Comp	. IRP	\$13,8
Not Evaluated	6	MRSPP-4	0	No Known/Suspected	0	LTM	10	0	14	0	5	1	\$7,142	\$0	\$361	\$0	\$786	\$0	\$461	\$0	FY11-Comp	o. MMRP	\$5,9
Not Required	2	MRSPP-5	0	No Longer Required	2				•			Total	\$56,484	\$1,499	\$593	\$98	\$867	\$235	\$3,457	\$3,155	FY11-Comp	olete	\$19,8
Total IRP Sites	272	MRSPP-6	0	Total MRSs	6						•												
		Total Number of Il	RP Ins	tallations with Sites	30																		
	T	otal Number of MMI	RP Ins	tallations with Sites	3																		
BRAC II	netali	lations																					
DIAC II	ustan	18110118																					
		Sites and MRSs by C	Classifi	cation		Study	50	10	0	0	0	0	\$25,041	\$0	\$0	\$0	\$0	\$0	\$0		FY13	\$292	
	46	Response Complete	10			Study IRA	50 16(17)	10	0	0	0	0	\$25,041 \$5,098	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	FY14	\$214	
	46	•	10	MRSPP-7	0						0	0								\$0		\$214 \$347	
High	46	Response Complete	10		0	IRA	16(17)	0	0	0			\$5,098	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0 \$0	FY14 FY15 FY16	\$214 \$347 \$240	
_	46 0 1 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3	10	MRSPP-7	0 0	IRA Design	16(17)	0	0	0	0	0	\$5,098 \$1,243	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$214 \$347 \$240 <b>b. IRP</b>	
High Medium	46 0 1 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4	10	MRSPP-7 MRSPP-8	0 0 0	IRA Design RA-C	16(17) 3 18	0 0 1	0 0	0 0 0	0	0 0 0 0	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943	\$0 \$0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$281 \$7	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b>	\$3,9
High Medium Low Not Evaluated	46 0 1 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3	10	MRSPP-7 MRSPP-8 Evaluation Pending	0 0 0 0	IRA Design RA-C RA-O	16(17) 3 18 4	0 0 1 0	0 0 0 4	0 0 0 0	0 0	0 0	\$5,098 \$1,243 \$23,488 \$1,041	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$88	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$281	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b>	\$3,9
High Medium Low Not Evaluated	46 0 1 0 0 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6	10 0 0 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs	0 0 0 0 10	IRA Design RA-C RA-O	16(17) 3 18 4	0 0 1 0	0 0 0 4	0 0 0 0	0 0	0 0 0 0	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$88 \$18	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$281 \$7	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b>	\$3,99
High  Medium  Low  Not Evaluated  Not Required	46 0 1 0 0 0 3 50	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of D	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites	0 0 0 0 10 10	IRA Design RA-C RA-O	16(17) 3 18 4	0 0 1 0	0 0 0 4	0 0 0 0	0 0	0 0 0 0	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$88 \$18	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$281 \$7	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b>	\$3,9
High  Medium  Low  Not Evaluated  Not Required	46 0 1 0 0 0 3 50	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites	0 0 0 0 10 10 2	IRA Design RA-C RA-O	16(17) 3 18 4	0 0 1 0	0 0 0 4	0 0 0 0	0 0	0 0 0 0	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$88 \$18	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$281 \$7	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b>	\$3,9
High Medium Low Not Evaluated Not Required Total IRP Sites	46 0 1 0 0 3 50	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of D	10 0 0 0 0 0 0 0 0 RP Ins	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites	0 0 0 0 10 10 2	IRA Design RA-C RA-O	16(17) 3 18 4	0 0 1 0	0 0 0 4	0 0 0 0	0 0	0 0 0 0	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$88 \$18	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$281 \$7	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b>	\$3,9
High Medium Low Not Evaluated Not Required Total IRP Sites	46 0 1 0 0 3 50	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of III otal Number of MMI	10 0 0 0 0 0 0 0 0 0 RP Ins	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites tallations with Sites	0 0 0 0 10 10 2	IRA Design RA-C RA-O LTM	16(17) 3 18 4 0	0 0 1 0 0	0 0 0 4 14	0 0 0 0 0	0 0	0 0 0 0 Total	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943 \$59,854	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$88 \$18 \$106	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7 \$835	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$281 \$7 \$288	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY14 FY15 FY16 FY11-Comp FY11-Comp	\$214 \$347 \$240 D. IRP D. MMRP Diete	\$3.9
High Medium Low Not Evaluated Not Required Total IRP Sites  Formerly	46 0 1 0 0 3 50 TO	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of II otal Number of MMI ed Defense Sit Sites and MRSS by C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites tallations with Sites	0 0 0 0 10 10 2	IRA Design RA-C RA-O LTM	16(17) 3 18 4 0	0 0 1 0 0 0	0 0 4 14	0 0 0 0 0 0	0 0	0 0 0 0	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943 \$59,854	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$88 \$18 \$106	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7 \$835	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$281 \$7 \$288	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY14 FY15 FY16 FY11-Comp FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b> <b>D. MMRP</b> <b>Diete</b>	\$3.9
High Medium Low Not Evaluated Not Required Total IRP Sites  Formerl Response Complete	46 0 1 0 0 3 50  To	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of III otal Number of MMI ed Defense Sit Sites and MRSs by C Response Complete	10 0 0 0 0 0 0 RP Ins RP Ins	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites	0 0 0 10 10 2 2	IRA Design RA-C RA-O LTM Study IRA	16(17) 3 18 4 0	0 0 1 0 0	0 0 0 4 14	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 4	0 0 0 0 Total	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943 \$59,854 \$3,455 \$1,266	\$0 \$0 \$0 \$0 \$0 \$0 \$13,559	\$0 \$0 \$0 \$88 \$18 \$106	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7 \$835	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$174	\$0 \$0 \$0 \$281 \$7 \$288	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY14 FY15 FY16 FY11-Comp FY11-Comp FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b> <b>D. MMRP</b> <b>Diete</b>	\$3,9 \$3,9 \$2 \$1,4
High Medium Low Not Evaluated Not Required Total IRP Sites  Formerly Response Complete High	46 0 1 1 0 0 0 3 50 TV USC IRP 18 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of III otal Number of MMI ed Defense Sit Sites and MRSs by C Response Complete MRSPP-1	10 0 0 0 0 0 0 RP Ins RP Ins	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites tallations with Sites	0 0 0 10 10 2 2	IRA Design RA-C RA-O LTM Study IRA Design	16(17) 3 18 4 0	0 0 1 0 0	0 0 0 4 14	0 0 0 0 0 0	0 0 0 4	0 0 0 0 Total	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943 \$59,854 \$3,455 \$1,266 \$149	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$13,559	\$0 \$0 \$0 \$88 \$18 \$106	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$828 \$7 \$835	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$174 \$0 \$0	\$0 \$0 \$0 \$281 \$7 \$288	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY14 FY15 FY16 FY11-Comp FY11-Comp FY11-Comp FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b> <b>D. MMRP</b> <b>Diete</b>	\$3,9 \$3,9 \$1,4 \$1,4
High Medium Low Not Evaluated Not Required Total IRP Sites  Formerl Response Complete High Medium	46 0 0 1 1 0 0 0 3 50 Tr(Tr(Tr(Tr(Tr(Tr(Tr(Tr(Tr(Tr(Tr(Tr(Tr(T	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of III otal Number of MMI ed Defense Sit Sites and MRSs by C Response Complete MRSPP-1 MRSPP-2	10 0 0 0 0 0 0 RP Ins RP Ins	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites tallations with Sites  MRSPP-7 MRSPP-8	0 0 0 10 10 2 2	IRA Design RA-C RA-O LTM Study IRA Design RA-C	16(17) 3 18 4 0  18 8 11	0 0 1 0 0 0	0 0 0 4 14	0 0 0 0 0 0	0 0 0 4	0 0 0 0 Total	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943 \$59,854 \$3,455 \$1,266 \$149 \$1,439	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$13,559 \$1 \$1 \$0 \$10,461	\$0 \$0 \$0 \$88 \$18 \$106 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$828 \$7 \$835 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$174 \$0 \$0	\$0 \$0 \$0 \$281 \$7 \$288 \$0 \$0 \$0 \$12	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY14 FY15 FY16 FY11-Comp FY11-Comp FY11-Comp FY11-Comp FY11-Comp	\$214 \$347 \$240 <b>b. IRP</b> <b>b. MMRP</b> <b>blete</b> \$26 \$0 \$0	\$3,9 \$3,9 \$1,4
High Medium Low Not Evaluated Not Required Total IRP Sites  Former!  Response Complete High Medium Low	46 0 1 1 0 0 0 3 50 TT	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of III otal Number of MMI ed Defense Site Sites and MRSs by C Response Complete MRSPP-1 MRSPP-2 MRSPP-3	10 0 0 0 0 0 0 RP Ins RP Ins	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites tallations with Sites  MRSPP-7 MRSPP-8 Evaluation Pending	0 0 0 10 10 2 2	IRA Design RA-C RA-O LTM Study IRA Design RA-C RA-O	16(17) 3 18 4 0  18 18 0 8 11 0	0 0 1 0 0 0	0 0 4 14	0 0 0 0 0 0	0 0 0 4	0 0 0 Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943 \$59,854 \$3,455 \$1,266 \$149 \$1,439 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$13,559 \$1 \$1 \$0 \$10,461 \$0	\$0 \$0 \$0 \$88 \$18 \$106 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$17 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$828 \$7 \$835 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$174 \$0 \$0 \$0	\$0 \$0 \$281 \$7 \$288 \$0 \$0 \$0 \$12	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY14 FY15 FY16 FY11-Comp FY11-Comp FY11-Comp FY11-Comp FY11-Comp FY13 FY14 FY15 FY16 FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b> <b>D. MMRP</b> <b>Dete</b> \$26 \$0 \$0 \$0	\$3,9! \$3,9! \$3,9! \$2,4 \$1,4; \$1,4;
High Medium Low Not Evaluated Not Required Total IRP Sites  Formerl Response Complete High Medium	46 0 1 1 0 0 0 3 3 50 TC V USe IRP 18 0 0 0 0 0 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4 MRSPP-5 MRSPP-6 Total Number of III otal Number of MMI ed Defense Sit Sites and MRSs by C Response Complete MRSPP-1 MRSPP-2	10 0 0 0 0 0 0 RP Ins RP Ins	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required Total MRSs tallations with Sites tallations with Sites  MRSPP-7 MRSPP-8	0 0 0 10 10 2 2	IRA Design RA-C RA-O LTM Study IRA Design RA-C	16(17) 3 18 4 0  18 8 11	0 0 1 0 0 0	0 0 0 4 14	0 0 0 0 0 0	0 0 0 4	0 0 0 0 Total	\$5,098 \$1,243 \$23,488 \$1,041 \$3,943 \$59,854 \$3,455 \$1,266 \$149 \$1,439	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$13,559 \$1 \$1 \$0 \$10,461	\$0 \$0 \$0 \$88 \$18 \$106 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$828 \$7 \$835 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$174 \$0 \$0	\$0 \$0 \$0 \$281 \$7 \$288 \$0 \$0 \$0 \$12	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY14 FY15 FY16 FY11-Comp FY11-Comp FY11-Comp FY11-Comp FY11-Comp	\$214 \$347 \$240 <b>D. IRP</b> <b>D. MMRP</b> <b>Dete</b> \$26 \$0 \$0 \$0 <b>IRP</b> <b>D. IRP</b>	\$24 \$1,42 \$1,42 \$102,77

Table E-5 Sta	atus	of State IRP/	MIM	RP Summary	y as	of Sej	ptembe	er 30, 2	2010										Dei	iense Env	/ironmentai i	Restorant	on Program
						Phase	Comp	oleted		erway MMRP		ture MMRP	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat		Estima	nted Costs	(\$000)
						Titasc	IKI	MINIKI	Sites (A		IKI	MINIKI		MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																							
Active I		lations																					
	IRP	Sites and MRSs by C	lassifica	ation		Study	2130	118	184	161	306	11	\$1,071,930	\$70,420	\$59,998	\$34,647	\$31,838	\$21,632	\$28,226	\$8,894	FY13	\$144,732	\$37,80
Response Complete	1,815	Response Complete	55			IRA	437(608)	1(1)	82(102)	14(14)			\$635,356	\$49,957	\$24,864	\$15,680	\$26,598	\$0	\$19,361	\$583	FY14	\$116,832	\$55,92
High	65	MRSPP-1	0	MRSPP-7	1	Design	239	1	26	6	63	80	\$82,002	\$0	\$2,648	\$0	\$1,754	\$0	\$3,821	\$0	FY15	\$98,230	\$67,65
Medium	73	MRSPP-2	1	MRSPP-8	6	RA-C	433	1	64	7	114	118	\$519,253	\$365	\$15,172	\$365	\$30,258	\$2,232	\$50,465	\$3,432	FY16	\$116,705	\$69,86
Low	158	MRSPP-3	6	Evaluation Pending	195	RA-O	120	0	75	0	125	7	\$279,237	\$0	\$27,555	\$0	\$26,624	\$0	\$31,170	\$0	FY11-Comp	. IRP	\$1,568,19
Not Evaluated	300	MRSPP-4	10	No Known/Suspected	0	LTM	92	1	105	1	240	102	\$84,225	\$1,955	\$8,346	\$1,710	\$8,915	\$200	\$11,925	\$395	FY11-Comp	. MMRP	\$855,85
Not Required	209	MRSPP-5	14	No Longer Required	55							Total	\$2,672,003	\$122,697	\$138,583	\$52,402	\$125,987	\$24,064	\$144,968	\$13,304	FY11-Comp	lete	\$2,424,05
Total IRP Sites	2,620	MRSPP-6	2	Total MRSs	290																		
		Total Number of IF	RP Insta	allations with Sites	116																		
	Т	otal Number of MMF	RP Insta	allations with Sites	31																		
BRAC I	nstal	lations																					
	IRP	Sites and MRSs by C	lassifica	ation		Study	1087	46	293	29	2	0	\$1,050,253	\$118,151	\$23,038	\$6,862	\$5,598	\$6,758	\$4,643	\$8,639	FY13	\$155,628	\$5,48
Response Complete	948	Response Complete	34			IRA	445(749)	0	200(201)	0			\$846,382	\$13,863	\$73,795	\$1,183	\$19,708	\$3,235	\$23,135	\$356	FY14	\$160,708	\$2,44
High	128	MRSPP-1	0	MRSPP-7	0	Design	175	0	25	2	289	9	\$119,653	\$11,328	\$4,746	\$0	\$6,425	\$4	\$7,183	\$2,782	FY15	\$158,090	\$10,13
Medium	62	MRSPP-2	0	MRSPP-8	0	RA-C	210	2	51	4	292	15	\$1,228,229	\$134,665	\$88,347	\$16,567	\$66,458	\$2,068	\$119,081	\$9,967	FY16	\$154,047	\$21,52
Low	31	MRSPP-3	7	Evaluation Pending	21	RA-O	76	0	51	2	26	1	\$375,148	\$0	\$24,826	\$0	\$10,891	\$4,085	\$23,002	\$0	FY11-Comp	. IRP	\$1,600,06
Not Evaluated	145	MRSPP-4	9	No Known/Suspected	2	LTM	74	0	87	4	223	26	\$138,836	\$8,964	\$11,633	\$394	\$6,099	\$32	\$23,481	\$334	FY11-Comp	. MMRP	\$285,55
Not Required	68	MRSPP-5	3	No Longer Required	32							Total	\$3,758,501	\$286,971	\$226,385	\$25,006	\$115,179	\$16,182	\$200,525	\$22,078	FY11-Comp	lete	\$1,885,62
Total IRP Sites	1,382	MRSPP-6	1	Total MRSs	75																		
		Total Number of IF	RP Insta	allations with Sites	35																		
	Т	otal Number of MMF	RP Insta	allations with Sites	15																		
Former	ly Us	ed Defense Site	es																				
	IRP	Sites and MRSs by C	lassifica	ation		Study	250	104	47	152	99	0	\$90,813	\$63,355	\$5,597	\$8,401	\$6,662	\$11,891	\$6,140	\$8,187	FY13	\$16,838	\$7,66
Response Complete	191	Response Complete	101			IRA	5(5)	4(4)	0	2(2)			\$1,253	\$5,971	\$725	\$2,014	\$0	\$1,071	\$0	\$958	FY14	\$16,433	\$24,02
High	8	MRSPP-1	0	MRSPP-7	0	Design	107	3	22	1	65	136	\$19,863	\$296	\$233	\$0	\$511	\$56	\$755	\$1,029	FY15	\$16,657	\$15,78
Medium	3	MRSPP-2	1	MRSPP-8	0	RA-C	108	7	33	2	79	137	\$124,154	\$8,924	\$9,244	\$0	\$6,465	\$0	\$6,726	\$3,539	FY16	\$16,202	\$5,55
Low	13	MRSPP-3	3	Evaluation Pending	128	RA-O	2	0	3	0	22	0	\$7,781	\$0	\$1,039	\$0	\$1,123	\$0	\$1,099	\$0	FY11-Comp	. IRP	\$206,14
Not Evaluated	94	MRSPP-4	5	No Known/Suspected	5	LTM	76	12	5	3	36	125	\$8,856	\$3,969	\$895	\$971	\$380	\$0	\$364	\$177	FY11-Comp	. MMRP	\$1,323,793
Not Required	87	MRSPP-5	10	No Longer Required	96				•			Total	\$252,720	\$82,515	\$17,733	\$11,386	\$15,141	\$13,018	\$15,084	\$13,890	FY11-Comp	lete	\$1,529,942
Total IRP Sites	396	MRSPP-6	8	Total MRSs	256												·						

**Total Number of IRP Installations with Sites** 

rabie E-5 Sta	itus	of State IRP	IVIIV	ARP Summary	y as	oi Se	ptemb	er 30, 2	2010										Dei	ense Environmentai	Restoratio	ni Progran
							Comp	pleted	Und	erway	Fu	ture	Costs Tl		FY10 l		FY11 Ex Planned		FY12 Pl		ated Costs	(\$000)
						Phase	IRP	MMRP			IRP	MMRP	· ·	,				·		(4***)		, ,
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP Fiscal Year	IRP	MMRP
<u>Colorado</u>	Phase   IRP   MMRP   IRP   MR																					
Active In	ıstal	lations																				
	IRP	Sites and MRSs by C	lassifi	cation		Study	445	17	10	24	31	8	\$264,819	\$14,729	\$1,196	\$4,241	\$941	\$779	\$565	\$6,639 FY13	\$9,594	\$6,1
Response Complete	406	Response Complete	16	5		IRA	87(99)	1(1)	4(5)	14(14)			\$373,560	\$1,655	\$1,218	\$0	\$0	\$0	\$873	\$0 FY14	\$12,362	\$2,
High	0	MRSPP-1	0	MRSPP-7	0	Design	132	0	17	0	2	6	\$18,704	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY15	\$9,174	\$5,
Medium	4	MRSPP-2	1	MRSPP-8	0	RA-C	141	0	22	0	2	9	\$970,473	\$11	\$847	\$0	\$1,838	\$0	\$2,256	\$0 FY16	\$27,052	\$2,
Low	21	MRSPP-3	0	Evaluation Pending	32	RA-O	12	0	26	0	6	2	\$97,206	\$0	\$8,715	\$0	\$6,758	\$0	\$7,555	\$0 FY11-Com	p. IRP	\$240,
Not Evaluated	44	MRSPP-4	0	No Known/Suspected	0	LTM	20	0	29	11	18	5	\$197,289	\$246	\$27,902	\$246	\$17,685	\$0	\$4,648	\$0 FY11-Com	p. MMRP	\$25,0
Not Required	11	MRSPP-5	0	No Longer Required	16							Total	\$1,922,051	\$16,641	\$39,878	\$4,487	\$27,222	\$779	\$15,897	\$6,639 FY11-Com	plete	\$265,
Total IRP Sites	486	MRSPP-6	0	Total MRSs	49																	
		Total Number of Il	RP Ins	stallations with Sites	18																	
	1	Total Number of MMI	RP Ins	stallations with Sites	6																	
RRAC I	neta	llations																				
.bkac ii	Place   IRP   MMRP   IRP   MM																					
		1	lassifi	ication		-	+				0	0										
Response Complete			7	7		IRA	1	9(10)		2(2)			\$15,637			\$44		\$24	\$0			
High	11	MRSPP-1	0	MRSPP-7	0	Design	1	0	6	0	8	11	\$20,583	\$25	\$56	\$0	\$142	\$0	\$0	\$0 FY15	\$694	
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C		3	9	0	8	12	\$102,684	\$121	\$1,550	\$0	\$1,470	\$0	\$341	\$0 FY16	\$2,908	
Low	1	MRSPP-3	0	Evaluation Pending	11	RA-O	3	0	4	0	4	0	\$47,105	\$25	\$4,002	\$0	\$4,915	\$0	\$4,037	\$0 FY11-Com	•	\$58,9
Not Evaluated		MRSPP-4	1	No Known/Suspected	0	LTM	4	1	3	0	6	2	\$9,874	\$625	\$0	\$0	\$0	\$0	\$0	\$0 FY11-Com		\$29,9
Not Required	0	MRSPP-5	0	No Longer Required	7	1						Total	\$274,685	\$1,460	\$6,612	\$128	\$6,695	\$348	\$4,378	\$22 FY11-Com	plete	\$88,9
Total IRP Sites	79	MRSPP-6	0	Total MRSs	19	1																
				stallations with Sites	4																	
<u> </u>	1	Total Number of MMI	RP Ins	stallations with Sites	2																	
Formerly	y Us	ed Defense Sit	es																			
-	IRP	Sites and MRSs by C	lassifi	cation		Study	27	9	3	6	0	0	\$12,518	\$19,812	\$770	\$1,686	\$80	\$96	\$450	\$20 FY13	\$2,415	\$8,
Response Complete	23	Response Complete	8	8		IRA	5(5)	5(5)	0	0			\$1,111	\$3,817	\$0	\$194	\$0	\$0	\$0	\$0 FY14	\$1,010	\$8,2
High	6	MRSPP-1	C	MRSPP-7	0	Design	15	0	3	0	2	6	\$1,397	\$0	\$479	\$0	\$305	\$0	\$852	\$0 FY15	\$3,615	\$8,3
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	14	3	2	1	4	6	\$7,925	\$102,356	\$918	\$8,111	\$586	\$3,983	\$568	\$12,017 <b>FY16</b>	\$0	\$
Low	0	MRSPP-3	0	Evaluation Pending	7	RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$981	\$0 FY11-Com	p. IRP	\$28,
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	8	7	0	0	7	6	\$61	\$14	\$14	\$1	\$0	\$0	\$0	\$0 FY11-Com		\$312,0
Not Required	0	MRSPP-5	0	No Longer Required	8		•					Total	\$23,012	\$125,999	\$2,181	\$9,992	\$971	\$4,079	\$2,851	\$12,037 FY11-Com	plete	\$340,2
Total IRP Sites		MRSPP-6		1		-																

Table E-5 Sta	itus of	State IRP/	MMRP Summary a	as of Se	ptemb	er 30, 2	2010										De	rense Envi	ronmental	Kestoratio	on Program
				Phase		pleted MMRP	_	erway MMRP		ture MMRP	Costs Tl FY10		FY10 I Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	ated Costs	(\$000)
				Thuse	IKI	MINIM	_	Actions)	INI	MINIKI		MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Connectic	ut																				
Active In		tions																			
	IRP Sit	es and MRSs by Cla	assification	Study	130	0	16	3	0	0	\$25,001	\$173	\$995	\$173	\$519	\$576	\$0	\$0	FY13	\$8,529	\$
Response Complete		esponse Complete	0	IRA	13(17)	0	0	0			\$2,505	\$0	\$0	\$0	\$635	\$0	\$0		FY14	\$4,941	\$1,70
High	5 M	RSPP-1	0 MRSPP-7	0 Design	11	0	1	0	13	1	\$5,504	\$0	\$132	\$0	\$324	\$0	\$1,140	\$0	FY15	\$1,526	\$
Medium	4 M	RSPP-2	0 MRSPP-8	0 RA-C	36	0	0	0	13	1	\$40,771	\$0	\$62	\$0	\$0	\$0	\$1,568	\$0	FY16	\$1,594	\$
Low	8 M	RSPP-3	0 Evaluation Pending	3 RA-O	3	0	2	0	10	0	\$6,435	\$0	\$331	\$0	\$599	\$0	\$1,977	\$0	FY11-Comp	. IRP	\$48,67
Not Evaluated	1 M	RSPP-4	0 No Known/Suspected	0 LTM	3	0	5	0	19	0	\$1,644	\$0	\$477	\$0	\$519	\$0	\$740	\$0	FY11-Comp	. MMRP	\$2,32
Not Required	12 <b>M</b>	RSPP-5	0 No Longer Required	0						Total	\$81,860	\$173	\$1,997	\$173	\$2,596	\$576	\$5,425	\$0	FY11-Comp	lete	\$51,00
Total IRP Sites	146 M	RSPP-6	0 Total MRSs	3																	
	7	Total Number of IR	P Installations with Sites	17																	
	Tota	al Number of MMR	P Installations with Sites	1																	
BRAC I	nstalla	tions																			
		es and MRSs by Cla	assification	Study	38	0	3	0	0	0	\$5,566	\$0	\$197	\$0	\$1,235	\$0	\$505	\$0	FY13	\$0	\$
Response Complete		esponse Complete	0	IRA	1(1)	0	0	0			\$2,721	\$0	\$0	\$0	\$27		\$0		FY14	\$0	\$
High	0 M	RSPP-1	0 MRSPP-7	0 Design	1	0	0	0	2	0	\$1,056	\$0	\$0	\$0	\$0	\$0	\$1,510		FY15	\$9	\$
Medium	0 M	RSPP-2	0 MRSPP-8	0 RA-C	12	0	0	0	2	0	\$9,177	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$9	\$
Low	2 M	RSPP-3	0 Evaluation Pending	0 RA-O		0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$28,46
Not Evaluated	1 M	RSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	2	0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$
Not Required	0 M	RSPP-5	0 No Longer Required	0						Total	\$18,730	\$0	\$197	\$0	\$1,262	\$0	\$2,015	\$0	FY11-Comp	lete	\$28,46
Total IRP Sites	41 M	RSPP-6	0 Total MRSs	0																	
	7	Total Number of IR	P Installations with Sites	16																	
	Tota	al Number of MMR	P Installations with Sites	0																	
Formerly	y Used	Defense Site	s																		
	IRP Sit	es and MRSs by Cla	assification	Study	19	7	0	1	0	0	\$253	\$176	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	19 <b>R</b> e	esponse Complete	7	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0 M	RSPP-1	0 MRSPP-7	0 Design	15	0	0	0	0	1	\$770	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 M	RSPP-2	0 MRSPP-8	0 RA-C	17	0	0	0	0	1	\$2,260	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	\$
Low	0 M	RSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	FY11-Comp	. IRP	s
Not Evaluated	0 M	RSPP-4	0 No Known/Suspected	0 LTM	1	0	0	0	0	1	\$5	\$0	\$5	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$4,86
Not Required	0 M	RSPP-5	0 No Longer Required	7			•			Total	\$3,288	\$176	\$5	\$0	\$0	\$0	\$0	\$0	FY11-Comp	olete	\$4,86
Total IRP Sites	19 M	RSPP-6	1 Total MRSs	8																	

							Comp	pleted	Und	erway	Fu	ture	Costs Tl		FY10			xecution	FY12 P		Eati	tod Cost-	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY10 (	\$000)	Obligate	d (\$000)	Planne	1 (\$000)	Estimat	e (\$000)	Estima	ited Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Delaware																							
Active In	stal	lations																					
	IRP	Sites and MRSs by Cl	lassifi	cation		Study	83	1	0	2	0	0	\$29,852	\$231	\$0	\$89	\$0	\$256	\$0	\$0	FY13	\$2,694	\$
Response Complete	57	Response Complete	1			IRA	17(25)	0	2(2)	0			\$11,324	\$0	\$136	\$0	\$0	\$0	\$0	\$0	FY14	\$1,079	\$
High	0	MRSPP-1	0	MRSPP-7	0	Design	20	0	0	0	0	1	\$4,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,120	\$
Medium	2	MRSPP-2	0	MRSPP-8	1	RA-C	28	0	2	0	1	1	\$20,402	\$0	\$0	\$0	\$36	\$0	\$0	\$0	FY16	\$920	\$3
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	4	0	23	0	2	0	\$28,193	\$0	\$1,467	\$0	\$586	\$0	\$2,882	\$0	FY11-Comp	. IRP	\$17,340
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	24	0	19	0	\$4,139	\$0	\$179	\$0	\$36	\$0	\$396	\$0	FY11-Comp	. MMRP	\$2,441
Not Required	23	MRSPP-5	0	No Longer Required	1							Total	\$98,146	\$231	\$1,782	\$89	\$658	\$256	\$3,278	\$0	FY11-Comp	lete	\$19,78
Total IRP Sites	83	MRSPP-6	0	Total MRSs	3																		
		Total Number of IR	RP Ins	tallations with Sites	6																		
	1	otal Number of MMR	RP Ins	tallations with Sites	2																		
Formerly	y Us	ed Defense Site	es																				
	IRP	Sites and MRSs by Cl	lassifi	cation		Study	14	4	0	4	0	0	\$1,340	\$2,178	\$0	\$22	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	13	Response Complete	4			IRA	3(3)	1(1)	0	0			\$0	\$439	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$93
High	0	MRSPP-1	0	MRSPP-7	0	Design	7	1	0	0	0	4	\$364	\$17	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	1	1	0	0	4	\$2,602	\$2,736	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	3	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$50
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	4	2	0	0	0	4	\$25	\$8	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$27,03
Not Required	1	MRSPP-5	0	No Longer Required	4							Total	\$4,331	\$5,378	\$0	\$22	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$27,093
Total IRP Sites	14	MRSPP-6	0	Total MRSs	8								•		•				•	•			•
		Total Number of IR	RP Ins	tallations with Sites	8																		

								pleted		lerway		ture	Costs Th		FY10 Obligate		FY11 Ex Planned		FY12 P Estimat		Estima	ted Costs	(\$000)
						Phase	IRP	MMRP		MMRP	IRP	MMRP	,	. ,				,		/			
									Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
District of	Col	lumbia																					
Active In	nstal	lations																					
	IRP	Sites and MRSs by Cl	assific	cation		Study	74	3	9	5	0	0	\$27,711	\$1,221	\$1,196	\$0	\$735	\$1,727	\$258	\$0	FY13	\$560	
Response Complete	65	Response Complete	0			IRA	22(33)	0	0	0			\$16,164	\$0	\$120	\$0	\$144	\$0	\$0	\$0	FY14	\$253	
High	0	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	0	0	\$1,149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$146	
Medium	8	MRSPP-2	0	MRSPP-8	2	RA-C	18	0	1	0	2	0	\$13,525	\$0	\$497	\$0	\$476	\$0	\$370	\$0	FY16	\$250	
Low	3	MRSPP-3	1	Evaluation Pending	5	RA-O	8	0	1	0	1	0	\$3,297	\$0	\$144	\$0	\$100	\$0	\$781	\$0	FY11-Comp.	. IRP	\$6,
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	10	0	2	0	\$2,725	\$0	\$582	\$0	\$479	\$0	\$375	\$0	FY11-Comp.	. MMRP	\$1,
Not Required	7	MRSPP-5	0	No Longer Required	0							Total	\$64,571	\$1,221	\$2,539	\$0	\$1,934	\$1,727	\$1,784	\$0	FY11-Compl	lete	\$8,
Total IRP Sites	83	MRSPP-6	0	Total MRSs	8																		
		Total Number of IR	P Inst	allations with Sites	8																		
	Т	otal Number of MMR	P Inst	tallations with Sites	3																		
Formerly	y Us	ed Defense Site	es																				
	IRP	Sites and MRSs by Cl	assific	cation		Study	3	27	1	1	0	0	\$38,573	\$109,717	\$1,982	\$12,344	\$1,064	\$1,622	\$262	\$1,570	FY13	\$54	\$:
Response Complete	3	Response Complete	27			IRA	2(2)	3(3)	0	0			\$15,634	\$125	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$54	
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	2	0	0	0	0	\$30,539	\$2,184	\$5,019	\$0	\$1,447	\$0	\$0	\$0	FY16	\$54	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$3,
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	2	0	0	1	1	\$13	\$305	\$0	\$35	\$0	\$0	\$0	\$0	FY11-Comp.	. MMRP	\$4,
Not Required	0	MRSPP-5	0	No Longer Required	27							Total	\$84,759	\$112,331	\$7,001	\$12,379	\$2,511	\$1,622	\$262	\$1,570	FY11-Comp	lete	\$7,
		MRSPP-6		m . 11mg		I																	
Total IRP Sites	4	MKSPF-0	0	Total MRSs	28	1																	

Table E-5 Sta	atus	of State IRP/	MIN	IRP Summary	y as	ot Sej	ptemb	er 30, 2	2010										De	tense Env	ronmental .	Restoranc	on Program
						Dhage	Comp			erway		ture	Costs Tl		FY10 l Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	nted Costs	(\$000)
						Phase	IRP	MMRP			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Florida																							
	nstal	lations																					
11001/012						Ctude	975	21	27	42	105	1	\$201.544	\$27.522	\$2.410	\$12.271	\$7.451	\$4.502	60 651	\$9,020	EV12	\$24.300	\$12.36
D		1	lassific	eation							105	1											
Response Complete	004		14	MDCDD 7																			
High			-		0		1			0								ΨΟ					
Medium	1.5		0		1			-		0								\$0					
Low Not Evaluated			0	, and the second	49													\$0					
Not Required			Phase   IRP   MMRP   IRP   MM																				
Total IRP Sites			0		64							Total	\$743,001	\$21,770	\$25,031	\$13,024	φ30,744	φ <b>4</b> ,673	φ31,202	φ2,363	r 111-comp	nete	7.00,20
Total IKF Sites	Part   Part																						
	7				14																		
			1115	tanations with Sites	14																		
BRAC I	nsta	llations																					
	IRP	Sites and MRSs by Cl	lassific	cation		Study	68	0	0	2	0	0	\$50,900	\$3,043	\$0	\$448	\$0	\$492	\$0	\$355	FY13	\$953	\$11
Response Complete	51	Response Complete	0			IRA	8(17)	0	0	0			\$9,527	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,041	\$13
High	0	MRSPP-1	0	MRSPP-7	0	Design	14	0	0	0	0	1	\$3,967	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,164	\$
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	34	0	0	1	0	1	\$37,838	\$0	\$0	\$0	\$0	\$0	\$0	\$1,309	FY16	\$1,188	\$
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	15	0	16	0	0	0	\$29,172	\$0	\$1,103	\$0	\$869	\$0	\$806	\$0	FY11-Comp	. IRP	\$16,87
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	11	0	14	0	0	0	\$10,084	\$0	\$1,023	\$0	\$177	\$0	\$332	\$0	FY11-Comp	. MMRP	\$3,65
Not Required	17	MRSPP-5	0	No Longer Required	0							Total	\$141,488	\$3,043	\$2,126	\$448	\$1,046	\$492	\$1,138	\$1,664	FY11-Comp	lete	\$20,52
Total IRP Sites	68	MRSPP-6	0	Total MRSs	2																		
		Total Number of IR	RP Ins	tallations with Sites	6																		
	1	Total Number of MMR	RP Ins	tallations with Sites	1																		
Formerl	ly Us	ed Defense Site	es																				
	IRP	Sites and MRSs by Cl	lassific	cation		Study	65	44	8	81	4	0	\$29,308	\$42,731	\$2,708	\$14,792	\$1,391	\$5,296	\$1,071	\$5,067	FY13	\$778	\$5,67
Response Complete	58	Response Complete	30			IRA	8(8)	4(4)	0	1(1)			\$5,133	\$4,477	\$0	\$46	\$0	\$0	\$0	\$0	FY14	\$870	\$2,76
High	8	MRSPP-1	0	MRSPP-7	2	Design	23	1	4	0	9	83	\$2,065	\$5	\$55	\$0	\$10	\$0	\$48	\$60	FY15	\$646	\$5,48
Medium	6	MRSPP-2	1	MRSPP-8	1	RA-C	24	1	6	5	7	87	\$16,421	\$9,542	\$1,387	\$332	\$939	\$0	\$0		FY16	\$2,632	\$7,09
Low	0	MRSPP-3	1	Evaluation Pending	81	RA-O	1	0	1	0	11	0	\$819	\$0	\$11	\$0	\$89	\$0	\$37		FY11-Comp	. IRP	\$37,50
Not Evaluated	0	MRSPP-4	2	No Known/Suspected	3	LTM	18	15	3	2	5	72	\$2,816	\$220	\$367	\$140	\$44	\$0	\$99		FY11-Comp		\$720,25
Not Required	5	MRSPP-5	1	No Longer Required	27		<u> </u>					Total	\$56,562	\$56,975	\$4,528	\$15,310	\$2,473	\$5,296	\$1,255		FY11-Comp		\$757,82
Total IRP Sites	77	MRSPP-6	6	Total MRSs	125										1								

**Total Number of IRP Installations with Sites** 

Table E-5 Sta	itus	of State IKP/N	MMRP Summary	y as (	or Sel	ptemb	er 30, 2	4U1U										De	iense env	/ironmentai	Restorant	ni Program
												Costs T		FY10 l Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	ated Costs	(\$000)
					Phase	IRP	MMRP			IRP	MMRP		MACDD	TDD	MADD	TDD	MAMP	IDD	MADD	E: 137	TDD	MADD
								Sites (A	(Ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IKP	MMRP	Fiscal Year	IRP	MMRP
Georgia																						
Active In	ıstal	lations																				
	IRP	Sites and MRSs by Cla	ssification		Study	466	7	17	10	8	0	\$128,623	\$6,403	\$829	\$1,961	\$1,252	\$2,207	\$620	\$555	FY13	\$15,349	\$82
Response Complete	413	Response Complete	7		IRA	151(205)	1(1)	0	1(1)			\$69,770	\$230	\$0	\$0	\$515	\$1,170	\$0	\$0	FY14	\$12,596	\$2,02
High	3	MRSPP-1	0 MRSPP-7	0	Design	45	0	2	0	0	6	\$30,746	\$0	\$0	\$0	\$0	\$0	\$0	\$2	FY15	\$12,146	\$1,65
Medium	2	MRSPP-2	0 MRSPP-8	0	RA-C	93	0	6	0	4	7	\$180,000	\$0	\$44	\$0	\$2,042	\$0	\$389	\$0	FY16	\$11,607	\$
Low	11	MRSPP-3	0 Evaluation Pending	7	RA-O	42	0	52	0	10	2	\$120,882	\$0	\$16,385	\$0	\$16,879	\$0	\$13,398	\$0	FY11-Comp	. IRP	\$170,88
Not Evaluated	12	MRSPP-4	1 No Known/Suspected	0	LTM	28	0	26	0	33	5	\$19,254	\$0	\$1,021	\$0	\$485	\$0	\$984	\$0	FY11-Comp	o. MMRP	\$8,95
Not Required	50	MRSPP-5	1 No Longer Required	7							Total	\$549,275	\$6,633	\$18,279	\$1,961	\$21,173	\$3,377	\$15,391	\$557	FY11-Comp	olete	\$179,837
Total IRP Sites	491	MRSPP-6	1 Total MRSs	17																		
		Total Number of IRI	Installations with Sites	34																		
	Part     Part     Part     Part     Part     Part     Part   Part   Part     Part   Part   Part     Part   Part     Part     Part     Part     Part     Part     Part     Part     Part     Part     Part   Part     Part   Part     Part   Part     Part     Part     Part   Part     Part     Part   Par																					
BRAC In	ısta	llations																				
	IRP	Sites and MRSs by Cla	ssification		Study	3	2	16	2	0	0	\$2,036	\$346	\$882	\$0	\$122	\$0	\$119	\$0	FY13	\$753	\$1-
Response Complete	0	Response Complete	2		IRA	8(11)	0	3(3)	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,231	\$14
High	11	MRSPP-1	0 MRSPP-7	0	Design	3	0	5	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$4,098	\$17
Medium	2	MRSPP-2	0 MRSPP-8	0	RA-C	2	0	6	0	1	0	\$360	\$0	\$0	\$0	\$17	\$0	\$0	\$0	FY16	\$0	\$
Low	3	MRSPP-3	0 Evaluation Pending	0	RA-O	0	0	3	0	5	0	\$2,259	\$0	\$515	\$0	\$602	\$0	\$745	\$0	FY11-Comp	. IRP	\$8,70
Not Evaluated	1	MRSPP-4	0 No Known/Suspected	2	LTM	0	0	0	0	6	2	\$0	\$0	\$0	\$0	\$7	\$14	\$7	\$14	FY11-Comp	o. MMRP	\$22
Not Required	2	MRSPP-5	0 No Longer Required	2							Total	\$4,655	\$346	\$1,397	\$0	\$748	\$14	\$871	\$14	FY11-Comp	olete	\$8,92
Total IRP Sites	19	MRSPP-6	0 Total MRSs	4																		
		Total Number of IRI	Installations with Sites	2																		
	7	Total Number of MMRI	P Installations with Sites	2																		
Formerly	y Us	ed Defense Sites	S																			
	IRP	Sites and MRSs by Cla	ssification		Study	29	10	1	8	4	0	\$11,795	\$6,985	\$22	\$795	\$138	\$903	\$0	\$465	FY13	\$1,527	\$
Response Complete	26	Response Complete	9		IRA	4(4)	0	0	0			\$1,421	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$323	\$1,11
High	5	MRSPP-1	0 MRSPP-7	0	Design	17	1	2	1	1	7	\$2,123	\$8	\$27	\$0	\$67	\$14	\$21	\$0	FY15	\$882	\$1,55
Medium	0	MRSPP-2	0 MRSPP-8	0	RA-C	22	1	3	1	4	7	\$7,913	\$5,837	\$92	\$80	\$644	\$80	\$114	\$102	FY16	\$0	\$1,53
Low	0	MRSPP-3	0 Evaluation Pending	8	RA-O	-	0	0	0	4	0	\$428	\$0	\$0	\$0	\$0		\$122		FY11-Comp	. IRP	\$6,80
Not Evaluated	0	MRSPP-4	1 No Known/Suspected	4	LTM	15	7	3	0	7	6	\$925	\$67	\$456	\$10	\$93	\$0	\$239		FY11-Comp		\$64,93
Not Required	3	MRSPP-5	0 No Longer Required	5							Total	\$24,605	\$12,897	\$597	\$885	\$942	\$997	\$496	\$594	FY11-Comp	olete	\$71,734
Total IRP Sites	3/1	MRSPP-6	0 Total MRSs	18								•										

**Total Number of IRP Installations with Sites** 

Table E-5 Sta	tus of State IRP/	MMRP Summary a	as of Se	<u>ptemb</u>	er 30, 2	2010										Dei	tense Env	vironmental Re	storatio	n Program
				Com	pleted	Und	erway	Fu	ture	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat		Estimated	d Costs	(\$000)
			Phase	IRP	MMRP		MMRP	IRP	MMRP											
						Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year I	RP	MMRP
<u>Guam</u>																				
Active In	stallations																			
	IRP Sites and MRSs by C	lassification	Study	121	10	29	12	3	0	\$15,048	\$457	\$710	\$74	\$3,304	\$180	\$0	\$1,033	FY13	\$9,212	\$1,0
Response Complete	40 Response Complete	1	IRA	26(30)	0	1(1)	0			\$71,730	\$0	\$319	\$0	\$133	\$820	\$1,207	\$539	FY14	\$7,330	\$1,0
High	0 MRSPP-1	0 MRSPP-7	0 Design	9	0	0	0	5	7	\$1,030	\$0	\$350	\$0	\$0	\$0	\$142	\$0	FY15	\$7,818	\$5,1
Medium	11 MRSPP-2	0 MRSPP-8	0 RA-C	10	0	11	0	11	11	\$22,655	\$0	\$4,633	\$0	\$2,101	\$0	\$6,509	\$0	FY16	\$11,865	\$2,1
Low	25 MRSPP-3	0 Evaluation Pending	21 <b>RA-O</b>	5	0	2	0	4	0	\$8,864	\$0	\$3,552	\$0	\$1,089	\$0	\$0	\$0	FY11-Comp. II	RP	\$105,7
Not Evaluated	14 MRSPP-4	0 No Known/Suspected	0 LTM	2	0	16	0	12	6	\$5,998	\$0	\$1,795	\$0	\$2,955	\$0	\$3,347	\$0	FY11-Comp. M	1MRP	\$46,5
Not Required	63 MRSPP-5	0 No Longer Required	1						Total	\$125,325	\$457	\$11,359	\$74	\$9,582	\$1,000	\$11,205	\$1,572	FY11-Complet	e	\$152,2
Total IRP Sites	153 MRSPP-6	0 Total MRSs	22																	
	Total Number of II	RP Installations with Sites	8																	
	Total Number of MMF	RP Installations with Sites	4																	
DDAC In	nstallations																			
.BRAC II	istaliations			1						<u> </u>										
	IRP Sites and MRSs by C	lassification	Study	51	0	0	0	0	0	\$17,939	\$0	\$0		\$0		\$0		FY13	\$142	
Response Complete	51 Response Complete	0	IRA	0	0	0	0			\$13,529	\$0	\$0	\$0	\$0		\$0		FY14	\$101	
High	0 MRSPP-1	0 MRSPP-7	0 Design	1	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$739	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C		0	0	0	0	0	\$517	\$0	\$0	\$0	\$0		\$0		FY16	\$752	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O		0	0	0	0	0	\$12,296	\$0	\$0	\$0	\$0		\$0		FY11-Comp. II		\$6,4
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	2	0	3	0	1	0	\$3,095	\$0	\$109	\$0	\$256		\$723		FY11-Comp. M		
Not Required	0 MRSPP-5	0 No Longer Required	0						Total	\$47,376	\$0	\$109	\$0	\$256	\$0	\$723	\$0	FY11-Complet	e	\$6,4
Total IRP Sites	51 MRSPP-6	0 Total MRSs	0																	
		RP Installations with Sites	4																	
	Total Number of MMI	RP Installations with Sites	0																	
Formerly	y Used Defense Site	es																		
<u> </u>	IRP Sites and MRSs by C	lassification	Study	8	2	0	7	0	0	\$1,155	\$1,397	\$100	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	5 Response Complete	2	IRA	0	1(1)	0	0			\$0	\$4,673	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Design	1	0	1	0	2	7	\$52	\$0	\$0	\$0	\$79	\$0	\$0	\$0	FY15	\$394	
Medium	0 MRSPP-2	6 MRSPP-8	0 RA-C	3	1	0	0	3	7	\$89	\$36	\$0	\$0	\$2,667	\$0	\$0	\$0	FY16	\$0	
Low	1 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. II	RP	\$7,9
LOW				+						l										\$117,4
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	1	1	0	0	2	7	\$33	\$38	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. M	1MRP	\$117,44
	0 MRSPP-4 2 MRSPP-5	0 No Known/Suspected 0 No Longer Required	0 LTM	1	1	0	0	2	7 Total	\$33 <b>\$1,329</b>	\$38 <b>\$6,144</b>	\$0 <b>\$100</b>	\$0 <b>\$0</b>	\$2,746		\$0 <b>\$0</b>		FY11-Comp. N FY11-Complet		\$125,35

Table E-5 bu	itus	of State IKI /IV	TWIKE Sullillary	as or t	cptcn	ibei e	70, 20	,10													restoration	ni i iogiani
						omplete		Unde		Fu	ture	Costs Tl FY10 (		FY10 l Obligated		FY11 Ex Planned		FY12 P Estimat		Estima	ited Costs	(\$000)
				Pha	se IR	P MN			MMRP	IRP	MMRP						. ,					. ,
							S	Sites (Ac	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<u>H</u> awaii																						
Active In	nstal	lations																				
	IRF	Sites and MRSs by Clas	ssification	Stu	<b>dy</b> 56	5	78	84	48	36	1	\$245,137	\$29,887	\$28,755	\$9,335	\$23,327	\$5,073	\$12,455	\$8,332	FY13	\$38,996	\$20,785
Response Complete	512	Response Complete	75	IR	<b>A</b> 130(1	69) 4	1(4)	6(6)	1(1)			\$200,118	\$999	\$958	\$0	\$2,998	\$0	\$3,829	\$0	FY14	\$54,456	\$23,286
High	10	MRSPP-1	0 MRSPP-7	3 Des	<b>gn</b> 19		0	2	3	39	22	\$2,154	\$0	\$0	\$0	\$106	\$314	\$3,139	\$113	FY15	\$53,083	\$29,094
Medium	31	MRSPP-2	0 MRSPP-8	5 RA	-C 90		1	5	1	46	33	\$49,846	\$0	\$2,753	\$0	\$158	\$7,905	\$6,148	\$0	FY16	\$34,436	\$12,302
Low	49	MRSPP-3	5 Evaluation Pending	25 <b>RA</b>	-O 24		0	26	1	54	3	\$16,459	\$0	\$3,711	\$0	\$3,127	\$0	\$2,703	\$0	FY11-Comp	. IRP	\$387,144
Not Evaluated	40	MRSPP-4	6 No Known/Suspected	0 LT	<b>M</b> 11		0	32	1	61	29	\$23,274	\$1,343	\$5,569	\$0	\$2,733	\$63	\$2,360	\$28	FY11-Comp	. MMRP	\$414,469
Not Required	44	MRSPP-5	7 No Longer Required	71							Total	\$536,988	\$32,229	\$41,746	\$9,335	\$32,449	\$13,355	\$30,634	\$8,473	FY11-Comp	lete	\$801,613
Total IRP Sites	686	MRSPP-6	5 Total MRSs	127																		
		Total Number of IRP	Installations with Sites	40																		
	7	Total Number of MMRP	Installations with Sites	16																		
BRAC I	nsta	llations																				
	IRF	Sites and MRSs by Clas	ssification	Stu	<b>dv</b> 43		0	0	0	0	0	\$22,392	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$27	\$0
Response Complete		Response Complete	0	IR	-		0	0	0			\$29,458	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	0 MRSPP-7	0 Des	-		0	0	0	0	0	\$1,221	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$76	\$0
Medium	0	MRSPP-2	0 MRSPP-8	0 RA	_		0	0	0	0	0	\$189	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$79	\$0
Low	0	MRSPP-3	0 Evaluation Pending	0 RA			0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$413
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	0 LT	<b>M</b> 2		0	6	0	0	0	\$2,721	\$0	\$852	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$0
Not Required	0	MRSPP-5	0 No Longer Required	0							Total	\$55,981	\$0	\$852	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$413
Total IRP Sites	43	MRSPP-6	0 Total MRSs	0													•					
		Total Number of IRP	Installations with Sites	2																		
	7	Total Number of MMRP	Installations with Sites	0																		
Formerl	y Us	ed Defense Sites	1	<u> </u>																		
	IRF	Sites and MRSs by Clas	ssification	Stu	<b>dv</b> 41		22	1	32	1	0	\$2,312	\$22,396	\$41	\$3,017	\$20	\$460	\$0	\$301	FY13	\$198	\$14,988
Response Complete		Response Complete	12	IR	•	) 3	3(3)	0	0			\$1,147	\$18	\$0	\$0	\$0	\$0	\$0		FY14	\$0	\$11,364
High	1	MRSPP-1	0 MRSPP-7	0 Des			8	1	2	8	30	\$434	\$496	\$48	\$0	\$66	\$0	\$0		FY15	\$188	\$15,421
Medium	2	MRSPP-2	2 MRSPP-8	0 RA			3	0	10	11	32	\$8,744	\$116,612	\$29	\$25,129	\$2,335	\$10,501	\$777	\$13,771	FY16	\$150	\$15,998
Low	0	MRSPP-3	0 Evaluation Pending	37 RA			0	0	0	0	0	\$248	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$9,158
Not Evaluated	1	MRSPP-4	2 No Known/Suspected	1 LT	<b>M</b> 5		2	0	0	4	41	\$174	\$29	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$1,303,076
Not Required	9	MRSPP-5	0 No Longer Required	11							Total	\$13,059	\$139,551	\$118	\$28,146	\$2,421	\$10,961	\$777		FY11-Comp		\$1,312,234
Total IRP Sites	43	MRSPP-6	1 Total MRSs	54												<u> </u>				•		

							Com	pleted	Und	erway	Fu	ture	Costs Tl			Funds		xecution		lanning	TF. 41	. 10 .	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY10 (	\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estimat	te (\$000)	Estima	ited Costs	(\$000)
									Sites (A	(Actions			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Idaho																							
Active In	stalla	ations																					
	IRP S	Sites and MRSs by Cl	assific	ation		Study	86	10	1	11	3	0	\$11,316	\$2,545	\$0	\$1,347	\$0	\$660	\$0	\$278	FY13	\$1,881	\$6-
Response Complete	78	Response Complete	10			IRA	3(3)	0	0	0			\$461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$265	\$4,0
High	0 1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	5	\$29	\$0	\$0	\$0	\$1,882	\$0	\$0	\$0	FY15	\$133	\$1-
Medium	1 ]	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	0	5	\$316	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$178	\$1
Low	1 ]	MRSPP-3	0	Evaluation Pending	10	RA-O	15	0	4	0	1	0	\$8,984	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$5,4
Not Evaluated	3 1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	1	0	4	3	\$1,930	\$0	\$0	\$0	\$0	\$0	\$496	\$0	FY11-Comp	. MMRP	\$8,0
Not Required	7 1	MRSPP-5	0	No Longer Required	10							Total	\$23,036	\$2,545	\$0	\$1,347	\$1,882	\$660	\$496	\$278	FY11-Comp	lete	\$13,50
Total IRP Sites	90 ]	MRSPP-6	1	Total MRSs	21																		
		Total Number of IR	P Inst	allations with Sites	8																		
	To	otal Number of MMR	P Inst	allations with Sites	4																		
Formerly	y Use	d Defense Site	S																				
<u> </u>	IRP S	Sites and MRSs by Cl	assific	ation		Study	8	4	0	12	0	0	\$768	\$3,512	\$0	\$194	\$0	\$60	\$0	\$16	FY13	\$0	\$2,09
Response Complete	8 ]	Response Complete	4			IRA	0	1(1)	0	0			\$0	\$40	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$1
High	0 1	MRSPP-1	0	MRSPP-7	0	Design	3	1	0	0	0	12	\$38	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$2:
Medium	0 1	MRSPP-2	0	MRSPP-8	0	RA-C	6	1	0	0	0	12	\$163	\$715	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$4,42
Low	0 1	MRSPP-3	0	Evaluation Pending	12	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
Not Evaluated	0 1	MRSPP-4	0	No Known/Suspected	0	LTM	4	1	0	1	0	11	\$24	\$86	\$0	\$79	\$0	\$48	\$0	\$0	FY11-Comp	. MMRP	\$211,4
Not Required	0 1	MRSPP-5	0	No Longer Required	4		·					Total	\$993	\$4,353	\$0	\$273	\$0	\$108	\$0	\$16	FY11-Comp	lete	\$211,4
Total IRP Sites	8 1	MRSPP-6	0	Total MRSs	16																		
						1																	

rabie E-5 Sta	ıus	or State IRP/	MMRP Summary	as	ot Sel	piemb	er 30, 2	2010										De.	iense en	vironmentai	Kestoratio	ni Program
						Comp	oleted	Und	erway	Fu	ture	Costs Tl		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat	lanning e (\$000)	Estima	ated Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	1110	φυσυ)	Obligate	u (\$000)	1 lannec	1 (φυσυ)	Estimat	e (\$000)	Listini	ateu costs	(ψοσο)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Illinois																						
Active In	stal	lations																				
	IRP	Sites and MRSs by Cl	assification		Study	436	19	21	23	24	1	\$55,879	\$5,385	\$1,027	\$1,446	\$209	\$1,220	\$144	\$152	FY13	\$4,438	\$9,
Response Complete	407	Response Complete	18		IRA	29(34)	3(3)	0	0			\$7,518	\$11	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$5,660	\$3,
High	1	MRSPP-1	0 MRSPP-7	0	Design	38	1	20	0	10	7	\$6,867	\$0	\$0	\$0	\$24	\$0	\$20	\$113	FY15	\$5,314	\$
Medium	12	MRSPP-2	0 MRSPP-8	0	RA-C	43	1	25	0	11	8	\$105,838	\$7	\$0	\$0	\$5,474	\$0	\$1,115	\$0	FY16	\$11,619	\$1,
Low	28	MRSPP-3	0 Evaluation Pending	25	RA-O	5	0	5	0	25	0	\$45,569	\$725	\$745	\$725	\$6,128	\$0	\$1,292	\$0	FY11-Comp	. IRP	\$96,
Not Evaluated	20	MRSPP-4	0 No Known/Suspected	0	LTM	4	0	11	3	24	3	\$5,532	\$0	\$1,326	\$0	\$501	\$209	\$1,043	\$0	FY11-Comp	o. MMRP	\$229,
Not Required	13	MRSPP-5	0 No Longer Required	18							Total	\$227,203	\$6,128	\$3,098	\$2,171	\$12,336	\$1,429	\$3,614	\$265	FY11-Comp	olete	\$325,
Total IRP Sites	481	MRSPP-6	0 Total MRSs	43	]																	
		Total Number of IR	P Installations with Sites	48																		
	T	otal Number of MMR	P Installations with Sites	7																		
BRAC II	retal	lations																				
DRAC II				-								I								_	. 1	
. 1		Sites and MRSs by Cl	assification		Study	251	18	91	15	0	0	\$120,363	\$10,644	\$1,262	\$247	\$980	\$830	\$0		FY13	\$8,878	\$1
Response Complete		Response Complete	18		IRA	40(60)	0	6(9)	1(1)			\$43,804	\$109	\$1,241	\$109	\$1,839	\$0	\$0		FY14	\$12,177	\$2,8
High		MRSPP-1	0 MRSPP-7	2	Design	12	0	1	0	40	4	\$15,066	\$4,910	\$0	\$0	\$40	\$0	\$403		FY15	\$10,025	\$1,0
Medium		MRSPP-2	1 MRSPP-8	0	RA-C	31	0	8	0	60	13	\$123,289	\$0	\$167	\$0	\$1,934	\$0	\$7,188		FY16	\$4,779	
Low		MRSPP-3	3 Evaluation Pending	2	RA-O	0	0	3	0	26	2	\$3,832	\$500	\$0	\$0	\$0		\$387		FY11-Comp		\$76, \$20,
Not Evaluated		MRSPP-4	0 No Known/Suspected	1	LTM	0	0	14	0	39	13	\$7,417	\$1	\$858	\$0	\$171	\$0	\$640		FY11-Comp		1 1
Not Required		MRSPP-5	4 No Longer Required	18							Total	\$313,771	\$16,164	\$3,528	\$356	\$4,964	\$830	\$8,618	\$0	FY11-Comp	olete	\$96,9
Total IRP Sites	342	MRSPP-6	2 Total MRSs	33																		
			P Installations with Sites	8																		
	1	otal Number of MMR	P Installations with Sites	4																		
Formerly	y Us	ed Defense Site	es																			
	IRP	Sites and MRSs by Cl	assification		Study	79	11	13	3	2	0	\$42,042	\$2,413	\$1,291	\$1	\$1,699	\$54	\$1,955	\$21	FY13	\$1,690	5
Response Complete	74	Response Complete	11		IRA	9(9)	3(3)	0	0			\$554	\$3	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,204	
High	8	MRSPP-1	0 MRSPP-7	0	Design	60	0	2	1	7	2	\$6,011	\$126	\$252	\$0	\$494	\$0	\$56	\$0	FY15	\$1,377	\$1,
Medium	7	MRSPP-2	0 MRSPP-8	0	RA-C	59	2	5	1	12	2	\$18,046	\$6,457	\$495	\$20	\$496	\$0	\$475	\$0	FY16	\$278	\$
Low	1	MRSPP-3	0 Evaluation Pending	3	RA-O	0	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$35,9
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	1	LTM	52	10	1	0	9	4	\$2,399	\$34	\$121	\$0	\$0	\$0	\$0		FY11-Comp		\$38,4
Not Required	4	MRSPP-5	0 No Longer Required	10	<u> </u>						Total	\$69,052	\$9,033	\$2,159	\$21	\$2,689	\$54	\$2,486	\$21	FY11-Comp	olete	\$74,3
Total IRP Sites		MRSPP-6	0 Total MRSs	14	1							•									I	

Table E-5 Sta	atus of State L	KP/M.	MRP Summary	as of	Sep	tembe	er 30, 2	2010										De.	iense Envir	ommemai N	estoratio	on Program
				Pha	ase	Comp	oleted		erway MMRP		ture MMRP	Costs T FY10		FY10 l Obligate		FY11 Ex Planned			lanning e (\$000)	Estimat	ted Costs	(\$000)
				111	-	IKI	MINIKI		Actions)	IKI	WINIKI	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP F	iscal Year	IRP	MMRP
Indiana																						
	nstallations																					
	IRP Sites and MRSs	hy Clacci	fication	Stu	ıdv	291	7	12	7	1	1	\$62,207	\$1,464	\$2,017	\$318	\$1,720	\$449	\$765	\$0 <b>F</b>	'V13	\$6,647	\$103
Response Complete	277 Response Com		7	IR	-	29(44)	0	1(1)	0		-	\$36,846	\$0	\$648	\$0	\$662	\$514	\$367	\$494 <b>F</b>		\$1,936	\$2,21
High	2 MRSPP-1		0 MRSPP-7	0 Des	-+	26	1	1	0	5	4	\$3,980	\$0	\$0	\$0	\$68	\$0	\$37			\$2,671	\$53
Medium	10 MRSPP-2		0 MRSPP-8	1 RA		31	2	1	0	8	4	\$35,685	\$0	\$110	\$0	\$812	\$0	\$1,429		Y16	\$2,253	\$5-
Low	8 MRSPP-3		0 Evaluation Pending		-0	14	0	3	0	5	0	\$692	\$0	\$176	\$0	\$1,022	\$0	\$0		Y11-Comp.	IRP	\$46,09
Not Evaluated	2 MRSPP-4		0 No Known/Suspected	0 L1	-	7	0	9	0	18	1	\$1,446	\$0	\$68	\$0	\$745	\$0	\$984		Y11-Comp.		\$7,13
Not Required	5 MRSPP-5		0 No Longer Required	3							Total	\$140,856	\$1,464	\$3,019	\$318	\$5,029	\$963	\$3,582	\$494 F	Y11-Compl	ete	\$53,234
Total IRP Sites	304 MRSPP-6		0 Total MRSs	15																-		
	Total Number	of IRP I	nstallations with Sites	25																		
	Total Number of	MMRP I	nstallations with Sites	3																		
DDAGI	4 - 11 - 4 *																					
BRACII	nstallations						•															
	IRP Sites and MRSs	by Classi	fication	Stu	ıdy	147	21	2	1	0	0	\$34,708	\$508	\$176	\$0	\$0	\$0	\$0	\$0 <b>F</b>	Y13	\$516	\$6
Response Complete	138 Response Com	lete	21	IF	RA	13(13)	0	1(1)	0			\$6,295	\$0	\$0	\$0	\$32	\$0	\$0	\$0 <b>F</b>	Y14	\$357	\$6
High	0 MRSPP-1		0 MRSPP-7	0 Des	sign	15	0	0	0	0	0	\$3,277	\$1,690	\$0	\$0	\$0	\$0	\$0	\$0 <b>F</b>	Y15	\$1,259	\$6
Medium	1 MRSPP-2		0 MRSPP-8	0 RA	<b>\-</b> C	21	5	0	0	0	0	\$16,044	\$3,166	\$0	\$0	\$0	\$0	\$0			\$163	\$12
Low	1 MRSPP-3		0 Evaluation Pending	1 RA	<b>·</b> -O	2	1	8	0	0	0	\$4,222	\$0	\$350	\$0	\$317	\$0	\$133		Y11-Comp.		\$6,021
Not Evaluated	0 MRSPP-4		0 No Known/Suspected	0 L1	ſΜ	0	0	15	2	0	0	\$3,918	\$9	\$204	\$6	\$328	\$12	\$180		Y11-Comp.		\$210
Not Required	9 MRSPP-5		0 No Longer Required	21							Total	\$68,464	\$5,373	\$730	\$6	\$677	\$12	\$313	\$6 F	Y11-Compl	ete	\$6,237
Total IRP Sites	149 MRSPP-6		0 Total MRSs	22																		
	Total Number	of IRP I	nstallations with Sites	6																		
	Total Number of	MMRP I	nstallations with Sites	3																		
Formerly	y Used Defense	Sites																				
	IRP Sites and MRSs	by Classi	fication	Stu	ıdy	34	2	2	1	1	0	\$9,058	\$405	\$1,779	\$0	\$409	\$297	\$597	\$798 <b>F</b>	Y13	\$500	\$1,118
Response Complete	34 Response Com	lete	2	IR	RA	1(1)	1(1)	0	0			\$2,980	\$0	\$0	\$0	\$0	\$0	\$0	\$0 <b>F</b>	Y14	\$162	\$85
High	1 MRSPP-1		0 MRSPP-7	0 Des	sign	20	0	1	1	0	0	\$644	\$65	\$0	\$0	\$0	\$0	\$0	\$0 <b>F</b>	Y15	\$543	\$0
Medium	0 MRSPP-2		0 MRSPP-8	0 RA		24	0	0	1	1	0	\$5,313	\$57	\$0	\$0	\$0	\$0	\$0			\$0	\$0
Low	0 MRSPP-3		0 Evaluation Pending	1 <b>R</b> A	·-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 F	Y11-Comp.	IRP	\$9,724
Not Evaluated	1 MRSPP-4		0 No Known/Suspected	0 L1	ſΜ	13	2	1	0	2	1	\$668	\$13	\$57	\$0	\$0	\$0	\$0	\$0 F	Y11-Comp.	MMRP	\$23,224
Not Required	1 MRSPP-5		0 No Longer Required	2							Total	\$18,663	\$540	\$1,836	\$0	\$409	\$297	\$597	\$798 F	Y11-Compl	ete	\$32,948
Total IRP Sites	37 MRSPP-6		0 Total MRSs																			

Table E-5 Sta	itus of State III	,																	
					pleted		erway		ture	Costs Th		FY10 F Obligated		FY11 Ex Planned		FY12 Pl Estimate		Estimated Cost	s (\$000)
			Phase	IRP	MMRP		MMRP	IRP	MMRP	,	. ,								. ,
						Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMRP
<u>Iowa</u>																			
Active In	nstallations																		
	IRP Sites and MRSs by	Classification	Study	187	0	3	19	0	0	\$30,703	\$3,564	\$0	\$284	\$978	\$638	\$0	\$0	FY13 \$463	\$5,7
Response Complete	174 Response Complete	0	IRA	12(15)	0	0	0			\$11,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14 \$42	\$2,
High	0 MRSPP-1	0 MRSPP-7	0 Design	<b>1</b> 31	0	0	0	2	8	\$11,203	\$0	\$0	\$0	\$0	\$0	\$164	\$149	FY15 \$0	
Medium	2 MRSPP-2	0 MRSPP-8	0 RA-0	32	0	2	0	2	8	\$46,169	\$0	\$0	\$0	\$501	\$0	\$0	\$0	FY16 \$0	
Low	0 MRSPP-3	2 Evaluation Pending	11 <b>RA-C</b>	2	0	12	0	1	0	\$4,566	\$0	\$1,978	\$0	\$25	\$0	\$534	\$0	FY11-Comp. IRP	\$16,
Not Evaluated	3 MRSPP-4	0 No Known/Suspected	4 LTM	0	0	1	0	0	8	\$3,874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MMRP	\$11,
Not Required	11 MRSPP-5	1 No Longer Required	0						Total	\$107,537	\$3,564	\$1,978	\$284	\$1,504	\$638	\$698	\$149	FY11-Complete	\$28,
Total IRP Sites	190 MRSPP-6	1 Total MRSs	19																
	Total Number of l	RP Installations with Sites	27																
	Total Number of MM	RP Installations with Sites	2																
DDAC I	nstallations																		
BRAC II			la	1								. 1		. 1				FV13 \$0	
	IRP Sites and MRSs by		Study	+	0	0	0	0	0	\$1,488	\$0	\$0	\$0	\$0	\$0	\$0		1113	
Response Complete	8 Response Complete		IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		1114	
High	0 MRSPP-1	0 MRSPP-7	0 Design	+	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15 \$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C		0	0	0	0	0	\$5,245	\$0	\$0	\$0	\$0	\$0	\$0		1110	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-C		0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. IRP	
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	1	0	0	0	0	0 T-4-1	\$46 \$6,779	\$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 <b>\$0</b>		FY11-Comp. MMRP FY11-Complete	
Not Required	0 MRSPP-5	0 No Longer Required 0 Total MRSs	0						Total	\$6,779	\$0	\$01			50		50	F 111-Complete	
Total IRP Sites	8 MRSPP-6												Ψ	\$0		Ψ	, .		
			0							1.7		· I	Ψ	30	, ,	φ0	, ,		
	Total Number of l	RP Installations with Sites	1										Ψ0	<b>\$</b> 0		Ψ			
	Total Number of l		0 1 0							.,,			Ψ	50		40			
Formerly	Total Number of l	RP Installations with Sites RP Installations with Sites	1 0										Ψ0	50		40			ı
Formerly	Total Number of I	RP Installations with Sites RP Installations with Sites es	0 1 0	13	5	0	3	0	0	\$1,912	\$1,022	\$35	\$96	\$0	\$0	\$0		FY13 \$0	
	Total Number of MM  Total Number of MM  y Used Defense Sit	RP Installations with Sites RP Installations with Sites es Classification	Study	13 2(2)	5	0	3 0	0	0		\$1,022 \$0						\$0	FY13 \$0 FY14 \$0	
Response Complete	Total Number of I  Total Number of MM  y Used Defense Sit  IRP Sites and MRSs by 0	RP Installations with Sites RP Installations with Sites es Classification	-	2(2)	-			0	0	\$1,912		\$35	\$96	\$0	\$0	\$0	\$0 \$0		
Response Complete	Total Number of IM  Total Number of MM  y Used Defense Sit  IRP Sites and MRSs by (  13 Response Complete	RP Installations with Sites RP Installations with Sites es Classification 3	IRA	2(2) 1 8	0	0	0			\$1,912 \$1,500	\$0	\$35	\$96	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	FY14 \$0	
Formerly  Response Complete  High  Medium  Low	Total Number of MM  y Used Defense Sit  IRP Sites and MRSs by 13 Response Complete 0 MRSPP-1	RP Installations with Sites RP Installations with Sites es Classification  3 0 MRSPP-7	IRA  0 Design	2(2) 1 8	0	0	0	0	4	\$1,912 \$1,500 \$118	\$0 \$0	\$35 \$0 \$0	\$96 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	FY14 \$0 FY15 \$0	
Response Complete High Medium	Total Number of M  Total Number of MM  Y Used Defense Sit  IRP Sites and MRSs by 0  13 Response Complete 0 MRSPP-1 0 MRSPP-2	RP Installations with Sites RP Installations with Sites  ES  Classification  3  0 MRSPP-7  0 MRSPP-8	IRA  O Design  RA-C	2(2) 8 12 0	0 0 1	0 0	0 0	0	4	\$1,912 \$1,500 \$118 \$3,007	\$0 \$0 \$7	\$35 \$0 \$0	\$96 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	FY14 \$0 FY15 \$0 FY16 \$0	S
Response Complete High Medium Low	Total Number of M Total Number of MM  y Used Defense Sit  IRP Sites and MRSs by 0 13 Response Complete 0 MRSPP-1 0 MRSPP-2 0 MRSPP-3	RP Installations with Sites RP Installations with Sites  ES  Classification  3  0 MRSPP-7  0 MRSPP-8  0 Evaluation Pending	IRA  0 Design  0 RA-C  5 RA-C	2(2) 8 12 0	0 0 1	0 0 0	0 0 0 0	0 0 0	4	\$1,912 \$1,500 \$118 \$3,007 \$0	\$0 \$0 \$7 \$0	\$35 \$0 \$0 \$0	\$96 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	FY14 \$0 FY15 \$0 FY16 \$0 FY11-Comp. IRP	\$

							Completed		Underway		Future			Costs Through FY10 (\$000)		FY10 Funds Obligated (\$000)		FY11 Execution Planned (\$000)		FY12 Planning Estimate (\$000)		Estimated Costs (\$000	
					Phase				IRP	<b>MMRP</b>	IRP	MMRP	FYIU	\$000)	Obligate	a (\$000)	Planne	1 (\$000)	Esumai	te (\$000)	Estilla	iteu Costs	(\$000)
									Sites (	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Johnston A	Ato	11																					
Active In	nsta	llations																					
IRP Sites and MRSs by Classification						Study	10	0	0	0	0	0	\$1,309	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$998	\$0
Response Complete	10	Response Complete	(			IRA	2(3)	0	0	0			\$10,552	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	(	MRSPP-7	0	Design	3	0	0	0	0	0	\$4,103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0	MRSPP-2	(	MRSPP-8	0	RA-C	2	0	0	0	0	0	\$20,659	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0	MRSPP-3	(	Evaluation Pending	0	RA-O	1	0	0	0	0	0	\$1,492	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$1,831
Not Evaluated	0	MRSPP-4	(	No Known/Suspected	0	LTM	4	0	4	0	0	0	\$4,903	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$0
Not Required	0	MRSPP-5	(	No Longer Required	0							Total	\$43,018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$1,831
Total IRP Sites	10	MRSPP-6	(	Total MRSs	0																		
		Total Number of II	RP Ins	tallations with Sites	2																		
	Total Number of MMRP Installations with Sites 0																						

Tuble E e bte		01 20000 11117		iiti guiiiitiij t	45 01 1	September 30, 2010							G 4 200		EX740 3		EX711 E	,. 1	FY12 Planning				
						_	Comp			erway		ture	Costs Tl FY10 (		FY10 Funds Obligated (\$000)		FY11 Ex Planned			lanning te (\$000)	Estimated Costs (\$		(\$000)
					Pha	se	IRP	MMRP		MMRP	IRP	MMRP	·							. ,			
						_			Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Kansas																							
Active In	ıstal	lations																					
	IRP	Sites and MRSs by Cl	assific	cation	Stu	dy	391	6	16	11	9	0	\$123,902	\$14,704	\$2,382	\$2,164	\$351	\$709	\$105	\$149	FY13	\$11,753	\$1,289
Response Complete	385	Response Complete	5		IR	A	37(44)	0	4(4)	1(1)			\$15,335	\$0	\$762	\$0	\$617	\$2,203	\$528	\$0	FY14	\$2,157	\$815
High	1	MRSPP-1	0	MRSPP-7	0 Des	gn	49	0	2	0	1	7	\$7,567	\$0	\$0	\$0	\$0	\$36	\$115	\$0	FY15	\$2,228	\$70
Medium	1	MRSPP-2	0	MRSPP-8	0 RA	·C	74	0	3	0	1	8	\$106,157	\$0	\$0	\$0	\$50	\$1,145	\$4,679	\$0	FY16	\$2,041	\$63
Low	12	MRSPP-3	1	Evaluation Pending	9 RA	0	0	0	5	0	6	0	\$11,234	\$0	\$91	\$0	\$0	\$0	\$60	\$0	FY11-Comp	. IRP	\$33,406
Not Evaluated	12	MRSPP-4	2	No Known/Suspected	0 LT	M	27	0	27	0	15	6	\$17,781	\$0	\$3,465	\$0	\$1,046	\$0	\$878	\$0	FY11-Comp	. MMRP	\$8,383
Not Required	5	MRSPP-5	0	No Longer Required	5							Total	\$281,976	\$14,704	\$6,700	\$2,164	\$2,064	\$4,093	\$6,365	\$149	FY11-Comp	lete	\$41,789
Total IRP Sites	416	MRSPP-6	0	Total MRSs	17																		
		Total Number of IR	P Inst	tallations with Sites	38																		
	7	Total Number of MMR	P Inst	tallations with Sites	5																		
BRAC II	neto	llations																					
BRACI	ısıa	nations				_				_												1	
	IRP	Sites and MRSs by Cl	assific	cation	Stu	-	14	0	2	1	0	0	\$784	\$178	\$117	\$0	\$0	\$0	\$0		FY13	\$1,134	\$0
Response Complete	3	Response Complete	0		IR	A	1(2)	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$534	\$0
High	3	MRSPP-1	0	MRSPP-7	0 Des	gn	6	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,102	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0 RA	·C	12	0	2	0	2	0	\$6,143	\$0	\$996	\$0	\$339	\$0	\$67		FY16	\$336	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0 RA	0	0	0	10	0	0	0	\$1,254	\$0	\$635	\$0	\$611	\$0	\$1,892		FY11-Comp		\$6,015
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0 LT	M	3	0	0	0	0	0	\$1,052	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$0
Not Required	9	MRSPP-5	0	No Longer Required	0							Total	\$9,233	\$178	\$1,748	\$0	\$950	\$0	\$1,959	\$0	FY11-Comp	lete	\$6,015
Total IRP Sites	16	MRSPP-6	1	Total MRSs	1																		
		Total Number of IR	P Inst	tallations with Sites	1																		
	7	Total Number of MMR	P Inst	tallations with Sites	1																		
Formerly	y Us	ed Defense Site	es																				
<b>,</b>	IRP	Sites and MRSs by Cl	assific	cation	Stu	dy	50	23	19	31	1	0	\$44,752	\$7,233	\$937	\$287	\$5,474	\$2,542	\$689	\$8	FY13	\$6,104	\$457
Response Complete	44	Response Complete	22		IR	A	8(8)	0	0	0			\$5,363	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$7,499	\$2,411
High	10	MRSPP-1	0	MRSPP-7	3 Des	gn	17	0	1	0	18	29	\$3,306	\$0	\$70	\$0	\$64	\$0	\$510	\$0	FY15	\$8,983	\$0
Medium	6	MRSPP-2	0	MRSPP-8	1 <b>RA</b>	_	28	4	5	0	19	30	\$28,206	\$28	\$2,976	\$0	\$321	\$0	\$97		FY16	\$11,917	\$0
Low	5	MRSPP-3	0	Evaluation Pending	28 <b>RA</b>	-+	0	0	2	0	15	0	\$1,842	\$0		\$0	\$886	\$0	\$478		FY11-Comp	. IRP	\$142,016
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1 LT	_	25	7	1	0	15	15	\$863	\$32	\$119	\$0	\$168	\$0	\$188		FY11-Comp		\$100,213
Not Required	5	MRSPP-5	0	No Longer Required	21							Total	\$84,332	\$7,293	\$5,944	\$287	\$6,913	\$2,542	\$1,962	\$8	FY11-Comp	lete	\$242,229
Total IRP Sites	70	MRSPP-6	0	Total MRSs	54																· · ·		

Table E-3 Sta	ne E-5 Status of State IRP/IVIIVIRP Summary as of September 50, 2010																	ni i rogram			
					Com	pleted	Unde	erway	Fu	iture	Costs Th		FY10 I Obligated		FY11 Ex Planned		FY12 Planning Estimate (\$000)				(\$000)
				Phase	IRP	MMRP		MMRP	IRP	MMRP	· ·	, ,		,		, ,		. ,			
							Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<b>Kentucky</b>																					
Active In	ıstal	lations																			
	IRP	Sites and MRSs by Classif	ication	Study	280	10	2	9	0	0	\$56,955	\$2,711	\$876	\$1,365	\$0	\$294	\$0	\$56	FY13	\$611	\$5
Response Complete	271	Response Complete	0	IRA	17(22)	0	0	0			\$8,239	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$373	\$51
High	0	MRSPP-1	0 MRSPP-7	0 Design	11	0	0	0	0	2	\$1,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$375	\$5
Medium	0	MRSPP-2	0 MRSPP-8	0 RA-C	44	0	0	0	1	2	\$21,411	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$434	\$4,13
Low	0	MRSPP-3	0 Evaluation Pending	3 <b>RA-O</b>	6	0	8	0	0	0	\$1,842	\$0	\$191	\$0	\$179	\$0	\$281	\$0	FY11-Comp.	. IRP	\$6,55
Not Evaluated	3	MRSPP-4	No Known/Suspected	0 LTM	20	0	16	0	3	1	\$6,258	\$0	\$534	\$0	\$178	\$0	\$107	\$0	FY11-Comp.	. MMRP	\$5,83
Not Required	8	MRSPP-5	5 No Longer Required 1	10						Total	\$96,575	\$2,711	\$1,601	\$1,365	\$357	\$294	\$388	\$56	FY11-Compl	lete	\$12,38
Total IRP Sites	282	MRSPP-6	0 Total MRSs	19																	
		Total Number of IRP In	stallations with Sites 2	26																	
	Т	otal Number of MMRP In	stallations with Sites	4																	
BRAC II	nstal	lations																			
	IRP	Sites and MRSs by Classif	ication	Study	73	0	0	0	0	0	\$12,259	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$112	\$
Response Complete	70	Response Complete	0	IRA	22(28)	0	0	0			\$9,293	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$109	\$
High	0	MRSPP-1	0 MRSPP-7	0 Design	18	0	0	0	0	0	\$1,344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$116	\$
Medium	0	MRSPP-2	0 MRSPP-8	0 RA-C	18	0	0	0	0	0	\$20,256	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$117	\$
Low	0	MRSPP-3	0 Evaluation Pending	0 RA-O	1	0	0	0	0	0	\$187	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$3,77
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	0 LTM	6	0	4	0	0	0	\$4,252	\$0	\$49	\$0	\$88	\$0	\$157	\$0	FY11-Comp.	. MMRP	\$
Not Required	3	MRSPP-5	0 No Longer Required	0			•			Total	\$47,591	\$0	\$49	\$0	\$88	\$0	\$157	\$0	FY11-Compl	lete	\$3,77
Total IRP Sites	73	MRSPP-6	0 Total MRSs	0																	
		Total Number of IRP In	stallations with Sites	2																	
	Т	otal Number of MMRP In	stallations with Sites	0																	
Formerly	y Us	ed Defense Sites																			
	IRP	Sites and MRSs by Classif	ication	Study	8	0	4	2	0	0	\$6,400	\$432	\$479	\$0	\$970	\$584	\$925	\$0	FY13	\$9,224	\$
Response Complete	7	Response Complete	0	IRA	1(1)	0	0	0			\$855	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,103	\$
High	3	MRSPP-1	0 MRSPP-7	0 Design	5	0	0	0	4	2	\$63	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$7,154	\$
Medium	0	MRSPP-2	1 MRSPP-8	0 RA-C		0	1	0	4	2	\$3,094	\$0	\$336	\$0	\$284	\$0	\$2,572	\$0	FY16	\$0	\$
Low	0	MRSPP-3	0 Evaluation Pending	1 <b>RA-O</b>	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$47,83
Not Evaluated	1	MRSPP-4	0 No Known/Suspected	0 LTM	2	0	2	0	4	2	\$230	\$0	\$60	\$0	\$10	\$0	\$0	\$0	FY11-Comp.	. MMRP	\$24,49
Not Required	1	MRSPP-5	0 No Longer Required	0						Total	\$10,642	\$432	\$875	\$0	\$1,264	\$584	\$3,497	\$0	FY11-Compl	lete	\$72,335

Table E-5 Sta	itus of State IKI	P/MMRP Summary	as of Se	ptemb	er 30, 2	2010										DC.	ICHSC LIIV.	ironmentar r	CStOratio	on Program
				<u> </u>	pleted		erway		ture	Costs Tl FY10 (		FY10 I Obligated		FY11 Ex Planned		FY12 Planning Estimate (\$000)		Estima	(\$000)	
			Phase	IRP	MMRP		MMRP	IRP	MMRP	·	, ,				. ,		· · · /			1000
						Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Louisiana																				
Active In	nstallations																			
	IRP Sites and MRSs by	Classification	Study	171	27	18	16	33	0	\$39,555	\$10,328	\$794	\$1,176	\$359	\$2,804	\$442	\$1,090	FY13	\$2,198	\$1,79
Response Complete	161 Response Complete	te 21	IRA	18(24)	0	7(7)	0			\$49,838	\$107	\$327	\$107	\$313	\$53	\$0	\$0	FY14	\$3,038	\$1,09
High	0 MRSPP-1	0 MRSPP-7	0 Design	n 20	0	1	0	13	15	\$1,148	\$0	\$0	\$0	\$903	\$120	\$0	\$737	FY15	\$13,010	\$269
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	22	0	1	0	14	15	\$19,013	\$0	\$0	\$0	\$0	\$0	\$6,206	\$9,986	FY16	\$1,805	\$25
Low	6 MRSPP-3	0 Evaluation Pending	19 <b>RA-O</b>	10	0	6	0	12	15	\$6,171	\$0	\$47	\$0	\$144	\$0	\$638	\$0	FY11-Comp.	. IRP	\$37,24
Not Evaluated	48 MRSPP-4	0 No Known/Suspected	0 LTM	22	0	5	0	14	16	\$9,815	\$0	\$570	\$0	\$276	\$5	\$1,137	\$3	FY11-Comp.	. MMRP	\$20,299
Not Required	7 MRSPP-5	3 No Longer Required	21						Total	\$125,540	\$10,435	\$1,738	\$1,283	\$1,995	\$2,982	\$8,423	\$11,816	FY11-Compl	lete	\$57,54
Total IRP Sites	222 MRSPP-6	0 Total MRSs	43																	
	Total Number of	IRP Installations with Sites	26																	
	Total Number of MI	MRP Installations with Sites	5																	
BRAC In	nstallations																			
	IRP Sites and MRSs by	Classification	Study	56	7	0	1	0	0	\$12,687	\$498	\$0	\$156	\$0	\$0	\$0	\$0	FY13	\$34	\$(
Response Complete	55 Response Complete	te 5	IRA	18(20)	0	0	0			\$3,859	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$35	\$0
High	0 MRSPP-1	0 MRSPP-7	0 Design	<b>n</b> 2	0	0	0	0	0	\$3,303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$35	\$0
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	2	2	0	0	0	0	\$12,351	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$52	\$
Low	0 MRSPP-3	0 Evaluation Pending	3 RA-O	0	0	1	2	0	0	\$2,881	\$0	\$1,097	\$0	\$449	\$0	\$279	\$0	FY11-Comp.	. IRP	\$3,40
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	39	0	1	0	\$3,786	\$0	\$1,130	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. MMRP	\$
Not Required	1 MRSPP-5	0 No Longer Required	5	•					Total	\$38,867	\$498	\$2,227	\$156	\$449	\$0	\$279	\$0	FY11-Compl	lete	\$3,40
Total IRP Sites	56 MRSPP-6	0 Total MRSs	8																	
	Total Number of	IRP Installations with Sites	2																	
	Total Number of M	MRP Installations with Sites	1																	
Formerly	y Used Defense Si	ites																		
	IRP Sites and MRSs by	Classification	Study	7 20	6	0	10	1	0	\$1,505	\$4,413	\$0	\$322	\$0	\$335	\$0	\$283	FY13	\$0	\$
Response Complete	20 Response Complete	te 6	IRA	1(1)	1(1)	0	1(1)			\$1,109	\$50	\$0	\$50	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0 MRSPP-1	0 MRSPP-7	0 Design	<b>n</b> 16	0	0	0	0	10	\$2,575	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	18	0	1	1	0	9	\$6,829	\$7,411	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$(
Low	0 MRSPP-3	0 Evaluation Pending	10 RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$6,93
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	8	0	0	0	0	7	\$17	\$0	\$17	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. MMRP	\$112,78
Not Required	1 MRSPP-5	0 No Longer Required	6						Total	\$12,035	\$11,874	\$17	\$372	\$0	\$335	\$0	\$283	FY11-Compl	lete	\$119,724
Total IRP Sites	21 MRSPP-6	0 Total MRSs																		

**Total Number of IRP Installations with Sites** 

Table E-3 Sta	itus	of State IXI /		iki Summary a	.5 OI 1	ж	tembe	1 50, 2	1010				_										ni i rogram
							Comp	leted	Uno	lerway	Fu	iture	Costs T		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat		Estima	ted Costs	(\$000)
					Pha	se_	IRP	MMRP		MMRP	IRP	MMRP						. ,					
									Sites (	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<b>Maine</b>																							
Active In	ıstal	lations																					
	IRP	Sites and MRSs by Cla	assific	ation	Stu	dy	81	2	10	16	6	0	\$41,007	\$1,438	\$1,137	\$752	\$1,716	\$808	\$1,442	\$0	FY13	\$4,924	\$2,02
Response Complete	76	Response Complete	1		IR	A	13(18)	0	3(3)	0			\$42,341	\$0	\$1,735	\$0	\$547	\$0	\$1,038	\$0	FY14	\$8,381	\$
High	9	MRSPP-1	0	MRSPP-7	0 Des	ign	10	0	1	0	3	4	\$2,869	\$0	\$0	\$0	\$142	\$0	\$0	\$0	FY15	\$5,297	\$
Medium	0	MRSPP-2	0	MRSPP-8	0 RA	-С	16	0	2	0	5	4	\$39,315	\$0	\$155	\$0	\$1,703	\$0	\$2,038	\$0	FY16	\$8,559	\$1
Low	1	MRSPP-3	0	Evaluation Pending	17 <b>RA</b>	-О	3	0	1	0	6	0	\$14,235	\$0	\$130	\$0	\$0	\$0	\$616	\$0	FY11-Comp	. IRP	\$52,84
Not Evaluated	8	MRSPP-4	0	No Known/Suspected	0 LT	M	3	0	0	0	10	0	\$1,664	\$0	\$0	\$0	\$0	\$0	\$61	\$0	FY11-Comp	. MMRP	\$6,55
Not Required	3	MRSPP-5	0	No Longer Required	1							Total	\$141,431	\$1,438	\$3,157	\$752	\$4,108	\$808	\$5,195	\$0	FY11-Comp	lete	\$59,39
Total IRP Sites	97	MRSPP-6	0	Total MRSs	18																		
		Total Number of IR	P Inst	allations with Sites	10																		
	Т	otal Number of MMR	P Inst	allations with Sites	3																		
BRAC II	nctal	lations																					
DIAC II					I a	<del></del>			I .									4.0			F77/4/2	\$324	\$(
n		Sites and MRSs by Cla	assific	ation	Stu	-	74	9	0	2	0	0	\$22,447	\$3,895	\$0	\$765	\$164		\$0		FY13	\$1,410	\$3,94
Response Complete		Response Complete	8	Lengan e	IR		33(37)	0	0	0			\$9,758	\$0		\$0	\$0		\$0		FY14	\$1,410	
High		MRSPP-1		MRSPP-7	0 Des	_	15	0	1	1	0	1	\$3,727	\$0	\$0	\$0	\$105		\$0		FY15		\$
Medium	0	MRSPP-2		MRSPP-8	1 RA	-+	17	1	1	0	1	2	\$72,225	\$0		\$0	\$0		\$0		FY16 FY11-Comp	\$2,667	\$ \$55,13
Low	1	MRSPP-3	0	Evaluation Pending	0 RA		11	0	18	0	1	0	\$52,155	\$161	\$1,246	\$0	\$1,280	\$0	\$4,111		-		\$55,13
Not Evaluated		MRSPP-4	1	No Known/Suspected	0 LT	M	2	0	11	0	0	0 T-4-1	\$4,482 <b>\$164,794</b>	\$0 \$4,056	\$0 \$3,377	\$0 <b>\$765</b>	\$0 <b>\$1,549</b>	\$0 \$810	\$2,260 \$6,371		FY11-Comp FY11-Comp		\$62,79
Not Required		MRSPP-5	0	No Longer Required	8							Total	\$164,794	\$4,056	\$3,377	\$765	\$1,549	\$810	\$6,371	\$0	F 111-Comp	iete	302,79
Total IRP Sites	/4	MRSPP-6 Total Number of IR	D I4	Total MRSs	11																		
	т	Total Number of MMR			2																		
	1	otal Number of WIVIR	.r mst	anations with Sites	2																		
Formerly	y Us	ed Defense Site	es .																				
	IRP	Sites and MRSs by Cl	assific	ation	Stu	dy	55	21	9	13	4	0	\$16,273	\$2,306	\$1,195	\$198	\$1,842	\$427	\$1,294	\$0	FY13	\$2,346	\$
Response Complete	48	Response Complete	21		IR	Α	1(1)	1(1)	0	0			\$0	\$102	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,398	\$
High	6	MRSPP-1	0	MRSPP-7	0 Des	ign	35	0	1	1	12	9	\$2,204	\$25	\$21	\$0	\$239	\$0	\$66	\$0	FY15	\$2,804	\$
Medium	2	MRSPP-2	0	MRSPP-8	0 RA		38	0	1	0	12	10	\$5,648	\$0	\$4	\$0	\$106	\$0	\$8	\$0	FY16	\$2,112	\$
Low	2	MRSPP-3	1	Evaluation Pending	11 <b>RA</b>	-О	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$21,72
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0 LT	Μ	8	0	2	0	4	6	\$392	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$49,57
Not Required	8	MRSPP-5	1	No Longer Required	21	•						Total	\$24,517	\$2,433	\$1,220	\$198	\$2,187	\$427	\$1,368	\$0	FY11-Comp	lete	\$71,30
Total IRP Sites	69	MRSPP-6	0	Total MRSs	3.1																		

							Con	pleted	Un	derway	Fu	ture	Costs Tl FY10		FY10 Dobligate			xecution d (\$000)		Planning te (\$000)	Fetime	ated Costs	(0002)
						Phase	IRP	<b>MMRP</b>	IRP	<b>MMRP</b>	IRP	MMRP	F 1 10 (	\$UUU)	Obligate	ս (ֆսսս)	rianne	1 (\$000)	Estilla	te (\$000)	Estilla	iteu Costs	(\$000)
									Sites (	(Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Marshall I	sla	nds																					
Active In																							,
	IRI	P Sites and MRSs by C	lassifi	ication		Study	0	1	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0	Response Complete	1	1		IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	(	MRSPP-7	0	Design	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0	MRSPP-2	(	MRSPP-8	0	RA-C	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0	MRSPP-3	(	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$
Not Evaluated	0	MRSPP-4	(	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$0
Not Required	0	MRSPP-5	(	No Longer Required	1							Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$0
Total IRP Sites	0	MRSPP-6	(	Total MRSs	1																		
		Total Number of II	RP Ins	stallations with Sites	0																		
		Total Number of MMI	RP Ins	stallations with Sites	1	1																	

Table E-5 Sta	itus	of State IKF/	IVIIV	IRP Summary	y as	or Sel	<u> , tembe</u>	er 30, 2	2010										Dei	ense Env	iioiiiieiitai i	Kestoratic	on Program
							Comp	leted	Unde	erway	Fu	ture	Costs Th		FY10 I Obligate		FY11 Ex Planned		FY12 Pl Estimate		Fetima	ited Costs	(\$000)
						Phase	IRP	MMRP		MMRP	IRP	MMRP	F110(	φ <b>υ</b> υυ <i>)</i>	Obligate	u (\$000)	riannec	1 (\$000)	Estimate	e (\$000)	Littina	iteu Costs	(ψ000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Maryland																							
Active In	ıstal	lations																					
	IRP	Sites and MRSs by C	lassific	cation		Study	645	40	110	58	31	0	\$369,631	\$31,906	\$13,075	\$9,837	\$7,905	\$4,368	\$12,996	\$5,722	FY13	\$26,584	\$7,935
Response Complete	573	Response Complete	33			IRA	148(206)	2(2)	7(7)	5(5)			\$180,282	\$3,883	\$1,315	\$1,117	\$2,030	\$0	\$4	\$2,143	FY14	\$23,666	\$11,493
High	30	MRSPP-1	0	MRSPP-7	1	Design	116	0	80	2	28	40	\$29,224	\$0	\$624	\$0	\$715	\$0	\$926	\$24	FY15	\$14,013	\$21,615
Medium	78	MRSPP-2	10	MRSPP-8	7	RA-C	121	0	88	4	36	55	\$336,927	\$2,395	\$8,361	\$0	\$11,905	\$229	\$13,404	\$0	FY16	\$17,221	\$23,491
Low	24	MRSPP-3	6	Evaluation Pending	22	RA-O	15	0	63	1	18	0	\$52,309	\$0	\$10,299	\$0	\$35,301	\$0	\$9,948	\$0	FY11-Comp	. IRP	\$328,371
Not Evaluated	37	MRSPP-4	5	No Known/Suspected	4	LTM	22	0	52	2	72	37	\$20,926	\$334	\$1,935	\$0	\$1,739	\$4	\$4,755	\$70	FY11-Comp	. MMRP	\$239,534
Not Required	44	MRSPP-5	11	No Longer Required	29							Total	\$989,299	\$38,518	\$35,609	\$10,954	\$59,595	\$4,601	\$42,033	\$7,959	FY11-Comp	lete	\$567,905
Total IRP Sites	786	MRSPP-6	3	Total MRSs	98																		
		Total Number of IF	RP Ins	tallations with Sites	42																		
	7	Total Number of MMF	RP Ins	tallations with Sites	13																		
BRAC In	nsta	llations																					
	IRP	Sites and MRSs by C	lassific	cation		Study	68	9	1	0	0	0	\$31,848	\$66	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$371	\$260
Response Complete	62	Response Complete	9			IRA	4(4)	0	0	0			\$5,274	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$409	\$84
High	1	MRSPP-1	0	MRSPP-7	0	Design	23	1	0	0	0	0	\$5,806	\$1,475	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$200	\$84
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	26	2	0	0	0	0	\$36,795	\$8,272	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$242	\$115
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	5	0	0	0	\$6,450	\$0	\$389	\$0	\$220	\$0	\$142	\$0	FY11-Comp	. IRP	\$3,151
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	5	1	7	4	0	0	\$2,553	\$2,851	\$197	\$188	\$269	\$1,446	\$370	\$138	FY11-Comp	. MMRP	\$2,471
Not Required	6	MRSPP-5	0	No Longer Required	9							Total	\$88,726	\$12,664	\$586	\$188	\$489	\$1,446	\$512	\$138	FY11-Comp	lete	\$5,622
Total IRP Sites	69	MRSPP-6	0	Total MRSs	9																		
		Total Number of IR	RP Ins	tallations with Sites	8																		
	1	Total Number of MMF	RP Ins	tallations with Sites	2																		
Formerly	y Us	ed Defense Site	es																				
	IRP	Sites and MRSs by C	lassific	cation		Study	43	8	1	4	0	1	\$4,250	\$1,915	\$56	\$5	\$300	\$0	\$39	\$0	FY13	\$1,990	\$0
Response Complete	40	Response Complete	8			IRA	1(1)	1(1)	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,226	\$0
High	2	MRSPP-1	0	MRSPP-7	0	Design	29	0	0	0	1	4	\$850	\$0	\$0	\$0	\$0	\$0	\$219	\$0	FY15	\$1,202	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	27	0	0	0	2	5	\$6,152	\$0	\$0	\$0	\$0	\$0	\$145		FY16	\$689	\$0
Low	1	MRSPP-3	0	Evaluation Pending	5	RA-O	2	0	2	0	2	0	\$999	\$0	\$202	\$0	\$659	\$0	\$75	\$0	FY11-Comp	. IRP	\$7,918
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	16	7	2	1	2	3	\$421	\$130	\$0	\$1	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$59,284
Not Required	0	MRSPP-5	0	No Longer Required	8		•					Total	\$12,672	\$2,045	\$258	\$6	\$959	\$0	\$478	\$0	FY11-Comp	lete	\$67,202
Total IRP Sites	44	MRSPP-6	0	Total MRSs	13	1																	

**Total Number of IRP Installations with Sites** 

Table E-5 Sta	itus	of State IKP/	10110	IRP Summary	as	or Sel	otembe	er 30, 2	2010										Dei	ense Envi	ronnientai i	Kestorano	on Program
							Comp	leted	Und	erway	Fu	ture	Costs Th		FY10 I Obligate		FY11 Ex Planned		FY12 Pl Estimate		Fetima	ited Costs	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	F110(	φ <b>υ</b> υυ)	Obligate	u (\$000)	riannec	1 (\$000)	Estillati	e (\$000)	Listinia	iteu Costs	(ψ000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Massachus	sett	S																					
Active In	nstal	lations																					
	IRP	Sites and MRSs by C	lassifi	cation		Study	254	17	1	7	6	0	\$163,612	\$2,259	\$0	\$322	\$162	\$829	\$85	\$409	FY13	\$19,784	\$1,242
Response Complete	221	Response Complete	17			IRA	65(127)	0	0	0			\$179,981	\$0	\$750	\$0	\$0	\$0	\$0	\$0	FY14	\$16,066	\$1,849
High	2	MRSPP-1	0	MRSPP-7	0	Design	48	0	1	0	0	3	\$39,935	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$16,151	\$27
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	86	0	3	0	2	3	\$241,030	\$0	\$1,535	\$0	\$2,638	\$0	\$2,409	\$0	FY16	\$7,044	\$24
Low	1	MRSPP-3	0	Evaluation Pending	7	RA-O	10	0	30	0	2	0	\$228,409	\$0	\$50,401	\$0	\$27,884	\$0	\$18,323	\$0	FY11-Comp	. IRP	\$200,947
Not Evaluated	6	MRSPP-4	0	No Known/Suspected	0	LTM	4	0	5	0	13	3	\$29,903	\$0	\$60	\$0	\$571	\$0	\$1,230	\$0	FY11-Comp	. MMRP	\$6,453
Not Required	30	MRSPP-5	0	No Longer Required	17							Total	\$882,870	\$2,259	\$52,746	\$322	\$31,255	\$829	\$22,047	\$409	FY11-Comp	lete	\$207,400
Total IRP Sites	261	MRSPP-6	0	Total MRSs	24																		
		Total Number of II	RP Ins	tallations with Sites	21																		
	1	Total Number of MMI	RP Ins	tallations with Sites	4																		
BRAC II	ncta	llations				<u> </u>																	
DRAC II									ı														****
		Sites and MRSs by C	lassifi	cation		Study	216	2	5	2	0	0	\$65,874	\$1,486	\$2,709	\$529	\$706		\$0		FY13	\$6,678	\$297
Response Complete		Response Complete	0			IRA	39(46)	1(1)	1(1)	0			\$5,571	\$0	\$560	\$0	\$587	\$0	\$604		FY14	\$2,519	\$41
High	3	MRSPP-1	0	MRSPP-7	0	Design	55	0	0	0	4	0	\$12,342	\$0	\$0	\$0	\$647	\$0	\$0		FY15	\$2,473	\$96
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	87	0	1	0	4	0	\$201,088	\$2,999	\$3,513	\$0	\$0	\$0	\$1,137		FY16	\$2,376	\$41
Low	1	MRSPP-3	0	Evaluation Pending	4	RA-O	13	0	4	0	3	0	\$3,154	\$3,034	\$352	\$0	\$270	\$0	\$472		FY11-Comp		\$47,959
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	16	0	10	0	5	2	\$28,817	\$0	\$273	\$0	\$1,338	\$0	\$1,028		FY11-Comp		\$3,056
Not Required	4	MRSPP-5	0	No Longer Required	0							Total	\$316,846	\$7,519	\$7,407	\$529	\$3,548	\$109	\$3,241	\$39	FY11-Comp	lete	\$51,015
Total IRP Sites	221	MRSPP-6	0	Total MRSs	4																		
		Total Number of II	RP Ins	tallations with Sites	15																		
	1	Total Number of MMI	RP Ins	tallations with Sites	2																		
Formerly	y Us	ed Defense Site	es																				
	IRP	Sites and MRSs by C	lassifi	cation		Study	110	39	2	23	0	0	\$12,036	\$16,341	\$224	\$5,562	\$346	\$442	\$179	\$258	FY13	\$1,303	\$475
Response Complete	102	Response Complete	38			IRA	6(6)	3(3)	0	0			\$2,063	\$2,221	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,693	\$475
High	3	MRSPP-1	0	MRSPP-7	0	Design	82	1	1	0	1	18	\$4,638	\$0	\$9	\$0	\$6	\$0	\$121	\$40	FY15	\$1,884	\$119
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	80	2	2	0	2	18	\$32,736	\$333	\$260	\$0	\$308	\$0	\$475	\$0	FY16	\$806	\$59
Low	0	MRSPP-3	0	Evaluation Pending	21	RA-O	0	0	1	0	0	0	\$293	\$0	\$196	\$0	\$205	\$0	\$43	\$0	FY11-Comp	. IRP	\$30,426
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1	LTM	3	1	1	2	3	16	\$397	\$283	\$0	\$11	\$0	\$17	\$0	\$37	FY11-Comp	. MMRP	\$102,144
Not Required	6	MRSPP-5	1	No Longer Required	37							Total	\$52,163	\$19,178	\$689	\$5,573	\$865	\$459	\$818	\$335	FY11-Comp	lete	\$132,570
Total IRP Sites	112	MRSPP-6	2	Total MRSs	62																		<u> </u>

Table E-5 Sta	itus o	i State IKP/N	AMRP Summary	as of S	epten	ider .	<b>3</b> 0, 2	701U										De	Tense Envi	ironmentai	Kestorano	on Program
					-	omplet			erway		ture	Costs Tl		FY10 I Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	ated Costs	(\$000)
				Pha	se IR	P M	MRP		MMRP	IRP	MMRP						,					
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Michigan																						
Active In	ıstalla	tions																				
	IRP Si	tes and MRSs by Cla	ssification	Stu	<b>dy</b> 18	7	15	0	21	12	3	\$10,193	\$9,114	\$0	\$786	\$0	\$4,036	\$546	\$468	FY13	\$760	\$5,81
Response Complete	176 <b>R</b>	esponse Complete	3	IR	<b>A</b> 5(1	0)	0	0	4(4)			\$3,710	\$4,843	\$0	\$98	\$0	\$0	\$0	\$0	FY14	\$2,082	\$1,57
High	0 N	IRSPP-1	0 MRSPP-7	0 Desi	<b>gn</b> 1	5	0	0	0	3	10	\$4,400	\$0	\$0	\$0	\$448	\$0	\$1,228	\$0	FY15	\$514	\$21
Medium	0 N	IRSPP-2	0 MRSPP-8	0 <b>RA</b>	·C 1	9	0	0	0	4	8	\$10,026	\$0	\$30	\$0	\$0	\$0	\$1,819	\$0	FY16	\$435	\$29
Low	0 N	IRSPP-3	0 Evaluation Pending	36 <b>RA</b>	0		0	5	0	2	0	\$1,869	\$0	\$396	\$0	\$149	\$0	\$164	\$0	FY11-Comp	. IRP	\$13,56
Not Evaluated	12 N	IRSPP-4	0 No Known/Suspected	0 LT	M		0	8	0	11	3	\$880	\$0	\$43	\$0	\$250	\$0	\$434	\$0	FY11-Comp	. MMRP	\$15,51
Not Required	11 M	IRSPP-5	0 No Longer Required	3							Total	\$31,078	\$13,957	\$469	\$884	\$847	\$4,036	\$4,191	\$468	FY11-Comp	lete	\$29,07
Total IRP Sites	199 M	IRSPP-6	0 Total MRSs	39																		
		Total Number of IRP	Installations with Sites	25																		
	Tot	al Number of MMRP	Installations with Sites	4																		
BRAC II	nstalla	itions																				
Die i			101 (1	Stu	iv 12	,	17	5	5	0	0	\$32,510	\$173	\$388	\$0	\$88	\$164	\$0	03	FY13	\$0	\$(
Response Complete		esponse Complete	ssincation	IR			0	4(4)	0	- 0	U	\$15,336	\$0	\$2,240	\$0	\$49	\$104	\$0		FY14	\$33	Si
High		IRSPP-1	0 MRSPP-7	0 Desi	-		0	0	0	2	0	\$13,796	\$0	\$2,240	\$0	\$0	\$0	\$0		FY15	\$949	\$
		IRSPP-2	0 MRSPP-8	0 RA	_				0				\$0	\$0			\$0	\$0		FY16	\$2,043	\$
Medium Low		IRSPP-3	0 Evaluation Pending	6 RA	_		0	0 24	0	5	0	\$37,064 \$41,196	\$0		\$0 \$0	\$104 \$18	\$0 \$0	\$0		FY11-Comp		\$33,24
Not Evaluated		IRSPP-4	0 No Known/Suspected	0 LT	_		0	16	2	24	0	\$3,248	\$0	\$1,103	\$0	\$0	\$0	\$0		FY11-Comp		\$16
Not Required		IRSPP-5	0 No Longer Required	16	VI -		0	10	2	24	Total	\$143,150	\$173	\$10,599	\$0	\$259	\$164	\$0		FY11-Comp		\$33,41
Total IRP Sites		IRSPP-6	0 Total MRSs	22							10441	<b>\$1.0,100</b>	<b>\$17</b> 0	ψ10,033	Ψ	<b>42</b> 07	<b>\$10.</b>	Ψ0	Ψ	T T T Comp	icic	
Total IRI Sites			Installations with Sites	4																		
			Installations with Sites	3																		
Formerly	y Used	l Defense Sites																				
	IRP Si	tes and MRSs by Clas	ssification	Stu	<b>dy</b> 7	5	22	10	8	2	0	\$38,638	\$1,627	\$1,216	\$296	\$2,391	\$126	\$194	\$42	FY13	\$1,609	\$
Response Complete	72 <b>R</b>	esponse Complete	21	IR	<b>A</b> 3(	3)	0	0	0			\$1,069	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,689	\$30
High	3 N	IRSPP-1	0 MRSPP-7	0 Desi	<b>gn</b> 5	3	0	2	0	4	8	\$6,340	\$0	\$0	\$0	\$50	\$0	\$454	\$0	FY15	\$2,969	\$
Medium	4 N	IRSPP-2	0 MRSPP-8	0 <b>RA</b>	·C 5	7	0	2	0	7	8	\$16,067	\$0	\$9	\$0	\$83	\$0	\$14	\$0	FY16	\$1,778	\$
Low	2 N	IRSPP-3	1 Evaluation Pending	7 RA	O (		0	4	0	3	0	\$2,611	\$0	\$353	\$0	\$1,077	\$0	\$658	\$0	FY11-Comp	. IRP	\$41,81
Not Evaluated	1 N	IRSPP-4	1 No Known/Suspected	0 LT	<b>M</b> 3	5	19	2	0	6	8	\$1,836	\$72	\$63	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$59,55
Not Required	6 N	IRSPP-5	0 No Longer Required	21							Total	\$66,561	\$1,699	\$1,641	\$296	\$3,601	\$126	\$1,320	\$42	FY11-Comp	lete	\$101,37
Total IRP Sites	88 N	IRSPP-6	0 Total MRSs	30								_										

							Con	pleted	Une	derway	Fu	ture	Costs Tl		FY10 Dobligate		FY11 E			Planning te (\$000)	Estima	ted Costs	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	F110(	φυυυ)	Obligate	u (\$000)	rianne	1 (\$000)	Estilla	te (\$000)	Listima	icu Costs	(ψ000)
									Sites (	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Midway Is	lan	ıds																					
BRAC I																							
1	IRI	Sites and MRSs by C	lassifi	cation		Study	39	0	0	0	0	0	\$1,470	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	so
Response Complete	39	Response Complete	0	)		IRA	0	0	0	0			\$13,473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	C	MRSPP-7	0	Design	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$6
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$18
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	0	0	\$165	\$0	\$165	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0							Total	\$15,108	\$0	\$165	\$0	\$0	\$0	\$0	\$0	FY11-Compl	lete	\$189
Total IRP Sites	39	MRSPP-6	0	Total MRSs	0																		
		Total Number of IF	P Ins	stallations with Sites	1																		
	,	Total Number of MMF	P Inc	stallations with Sites	0																		

							Com	pleted	Und	lerway	Fut	ture	Costs Th		FY10 Obligate		FY11 Ex Planned		FY12 P Estimat		Fetima	ited Costs	(\$000)
						Phase	IRP	MMRP	IRP	<b>MMRP</b>	IRP	MMRP	F 1 10 (	φυυυ)	Obligate	a (\$000)	riannec	1 (\$000)	Estimat	e (\$000)	Estilla	iteu Costs	(\$000)
									Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Minnesota																							
Active In		lations																					
	IRP	Sites and MRSs by Cl	assific	ation		Study	223	6	1	16	7	0	\$33,556	\$2,747	\$416	\$366	\$10	\$937	\$450	\$563	FY13	\$2,104	\$2,
Response Complete	209	Response Complete	6			IRA	18(25)	0	0	0			\$21,135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,206	
High	0	MRSPP-1	0	MRSPP-7	0	Design	32	0	0	0	1	5	\$14,070	\$0	\$0	\$0	\$0	\$0	\$2,636	\$0	FY15	\$2,663	\$2
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	39	0	0	0	1	5	\$111,677	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$2,759	
Low	1	MRSPP-3	0	Evaluation Pending	16	RA-O	16	0	14	0	1	1	\$43,186	\$0	\$3,555	\$0	\$3,568	\$0	\$48,357	\$0	FY11-Comp.	. IRP	\$103,
Not Evaluated	7	MRSPP-4	0	No Known/Suspected	0	LTM	9	0	14	0	6	3	\$2,557	\$0	\$0	\$0	\$0	\$0	\$30	\$0	FY11-Comp.	. MMRP	\$9,4
Not Required	14	MRSPP-5	0	No Longer Required	6							Total	\$226,181	\$2,747	\$3,971	\$366	\$3,578	\$937	\$51,473	\$563	FY11-Compl	lete	\$112,
Total IRP Sites	231	MRSPP-6	0	Total MRSs	22																		
		Total Number of IR	P Inst	allations with Sites	27																		
	7	Total Number of MMR	P Inst																				
Townson				allations with Sites	5																		
rormeri	y Us	ed Defense Site		allations with Sites	5																		
Formeri		ed Defense Site	es		5	Study	31	0	0	0	0	0	\$6,514	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$64	
	IRP		es		5	Study IRA	31 2(2)	0	0	0	0	0	\$6,514 \$967	\$0 \$0	\$0		\$0 \$0		\$0 \$0		FY13 FY14	\$64 \$64	
Response Complete	IRP 28	Sites and MRSs by Cl	es assific								0	0				\$0		\$0		\$0			
Response Complete	1RP 28 0	Sites and MRSs by Cl Response Complete	assific	ation	0	IRA	2(2)	0	0	0	0 0		\$967	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0	FY14	\$64	
Response Complete High Medium	IRP 28 0	Response Complete MRSPP-1	es assific 0 0	ation MRSPP-7	0	IRA Design	2(2) 23	0	0	0	0 0 0 0	0	\$967 \$1,483	\$0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0	\$0 \$0 \$0	FY14 FY15	\$64 \$0 \$0	
Response Complete High Medium Low	1RP 28 0 1	Sites and MRSs by Cl Response Complete MRSPP-1 MRSPP-2	es assific 0 0	ation  MRSPP-7  MRSPP-8	0	IRA Design RA-C	2(2) 23 23	0 0	0 0 2	0 0	0	0	\$967 \$1,483 \$5,880	\$0 \$0 \$0	\$0 \$0 \$130	\$0 \$0 \$0 \$0	\$0 \$0 \$74	\$0 \$0 \$0 \$0	\$0 \$0 \$44	\$0 \$0 \$0 \$0	FY14 FY15 FY16	\$64 \$0 \$0	\$1,
Response Complete High Medium Low Not Evaluated Not Required	1RP 28 0 1 1 0 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3	0 0 0 0	ation  MRSPP-7  MRSPP-8  Evaluation Pending	0	IRA Design RA-C RA-O	2(2) 23 23	0 0 0	0 0 2	0 0 0	0	0 0	\$967 \$1,483 \$5,880 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$130 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$74 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$44 \$0	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp.	\$64 \$0 \$0 . IRP . MMRP	\$1.6
Response Complete High Medium Low Not Evaluated	IRP 28 0 1 0 0 0 2	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4	0 0 0 0 0	ation  MRSPP-7  MRSPP-8  Evaluation Pending  No Known/Suspected	0	IRA Design RA-C RA-O	2(2) 23 23	0 0 0	0 0 2	0 0 0	0	0 0 0 0	\$967 \$1,483 \$5,880 \$0 \$45	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$130 \$0 \$20	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$74 \$0 \$15	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$44 \$0 \$14	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp.	\$64 \$0 \$0 . IRP . MMRP	

1 abie E-5 Sta	itus	of State IRP/	IVIIV	IRP Summary	as (	or Set	otembe	er 30, 2	2010										Dei	ense Environmental I	Kestorano	ni Program
							Comp	leted	Unde	erway	Fu	ture	Costs Th		FY10 I Obligate		FY11 Ex Planned		FY12 Pl Estimate		nted Costs	(\$000)
						Phase	IRP	MMRP		MMRP	IRP	MMRP	F 1 10 (	φυσυ)	Obligate	u (φυσυ)	1 iaiiiiet	ι (φυσυ)	Estillati	(ψυσυ) Estilla		(4000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP Fiscal Year	IRP	MMRP
Mississipp	i																					
Active In	nstal	llations																				
	IRP	Sites and MRSs by C	lassifi	cation		Study	238	4	3	4	1	2	\$36,250	\$519	\$2,995	\$356	\$55	\$336	\$0	\$327 <b>FY13</b>	\$4,125	\$50
Response Complete	207	Response Complete	4			IRA	26(28)	0	2(4)	0			\$23,326	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY14	\$1,113	\$1,40
High	0	MRSPP-1	0	MRSPP-7	0	Design	22	0	2	0	1	4	\$7,980	\$0	\$87	\$0	\$0	\$0	\$66	\$0 FY15	\$1,012	\$
Medium	7	MRSPP-2	0	MRSPP-8	0	RA-C	22	0	3	0	4	3	\$29,514	\$0	\$1,870	\$0	\$1,438	\$0	\$1,976	\$0 FY16	\$679	Se
Low	2	MRSPP-3	0	Evaluation Pending	6	RA-O	3	0	9	0	2	0	\$15,380	\$0	\$450	\$0	\$236	\$0	\$241	\$0 FY11-Comp	. IRP	\$28,36
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	23	0	18	2	\$4,624	\$0	\$301	\$0	\$1,170	\$0	\$1,949	\$0 FY11-Comp	. MMRP	\$3,32
Not Required	25	MRSPP-5	0	No Longer Required	4							Total	\$117,074	\$519	\$5,703	\$356	\$2,899	\$336	\$4,232	\$327 FY11-Comp	lete	\$31,69
Total IRP Sites	242	MRSPP-6	0	Total MRSs	10																	
		Total Number of II	RP Ins	tallations with Sites	28																	
	7	Total Number of MMF	RP Ins	tallations with Sites	5																	
BRAC II	nsta	llations																				
	IRP	Sites and MRSs by C	lassifi	cation		Study	0	1	0	1	0	0	\$0	\$1,063	\$0	\$1,063	\$0	\$0	\$0	\$0 FY13	\$0	\$
Response Complete	0	Response Complete	1			IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY14	\$0	\$
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY15	\$0	\$
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY16	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY11-Comp	. IRP	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY11-Comp	. MMRP	
Not Required	0	MRSPP-5	1	No Longer Required	1							Total	\$0	\$1,063	\$0	\$1,063	\$0	\$0	\$0	\$0 FY11-Comp	lete	\$
Total IRP Sites	0	MRSPP-6	0	Total MRSs	2																	
		Total Number of II	RP Ins	tallations with Sites	0																	
	7	Total Number of MMF	RP Ins	tallations with Sites	1																	
Formerl	y Us	sed Defense Site	es																			
	IRP	Sites and MRSs by C	lassifi	cation		Study	22	11	0	22	0	0	\$3,253	\$4,580	\$0	\$860	\$0	\$3,455	\$0	\$3,394 <b>FY13</b>	\$0	\$4,05
Response Complete	22	Response Complete	11			IRA	0	1(1)	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY14	\$0	\$
High	0	MRSPP-1	0	MRSPP-7	0	Design	16	0	0	0	0	22	\$1,136	\$0	\$25	\$0	\$0	\$0	\$0	\$87 FY15	\$0	5
				MRSPP-8		RA-C	15	4	0	0	0	22	\$3,433	\$2	\$0	\$0	\$0	\$0	\$0	\$0 FY16	\$0	\$
Medium	0	MRSPP-2	0	MKSPP-0	0	_																
Medium Low	0	MRSPP-2 MRSPP-3	2	Evaluation Pending	15	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 FY11-Comp	. IRP	\$
Low	0		2		15		7	0 4	0	0	0	0 19	\$0 \$65	\$0 \$121	\$0 \$46	\$0 \$2	\$0 \$5		\$0 \$0	\$0 FY11-Comp \$0 FY11-Comp		
Medium Low Not Evaluated Not Required	0 0 0	MRSPP-3	2	Evaluation Pending	15	RA-O			0	-								\$113		•	. MMRP	\$166,409 \$166,414

rabie E-5 Sta	ius o	State IKP/I	MMRP Summary	as of	ı Sep	tembe	<del>2</del> Г 30, 2	<u> 4010 </u>										De	ense env	vironmentai i	Nestorall(	ni Prograi
						Comp	pleted	Und	erway	Fu	ture	Costs T		FY10 l Obligate		FY11 Ex Planne			lanning e (\$000)	Estima	nted Costs	(\$000)
				P	Phase	IRP	MMRP		MMRP	IRP	MMRP	1110	φοσο)	Obligate	u (\$000)	1 lanne	Ι (ΦΟΟΟ)	Listinat				(φσσσ)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Missouri																						
Active In	stalla	tions																				
	IRP Si	tes and MRSs by Cla	assification	S	Study	288	11	19	27	2	0	\$84,848	\$1,240	\$2,627	\$475	\$1,028	\$3,047	\$0	\$2,255	5 FY13	\$5,467	
Response Complete	267 R	esponse Complete	11	]	IRA	42(51)	0	1(1)	0			\$49,986	\$0	\$0	\$0	\$244	\$0	\$0	\$0	FY14	\$4,088	\$1
High	0 M	IRSPP-1	0 MRSPP-7	0 <b>D</b>	esign	32	0	4	0	1	13	\$7,827	\$0	\$0	\$0	\$0	\$0	\$37	\$0	FY15	\$4,150	\$8
Medium	1 M	IRSPP-2	0 MRSPP-8	0 <b>F</b>	RA-C	58	0	5	0	3	13	\$65,675	\$0	\$0	\$0	\$0	\$0	\$4,668	\$0	FY16	\$4,203	
Low	9 M	IRSPP-3	3 Evaluation Pending	21 <b>R</b>	RA-O	7	0	20	0	1	4	\$13,326	\$0	\$3,340	\$0	\$1,871	\$0	\$1,896	\$0	FY11-Comp	. IRP	\$102
Not Evaluated	11 M	IRSPP-4	0 No Known/Suspected	2 <b>I</b>	LTM	18	0	26	0	4	2	\$7,050	\$0	\$610	\$0	\$1,380	\$0	\$892	\$0	FY11-Comp	. MMRP	\$21
Not Required	21 M	IRSPP-5	1 No Longer Required	11							Total	\$228,712	\$1,240	\$6,577	\$475	\$4,523	\$3,047	\$7,493	\$2,255	FY11-Comp	lete	\$124
Total IRP Sites	309 M	IRSPP-6	0 Total MRSs	38																		
	,	Total Number of IR	P Installations with Sites	34																		
	Tota	al Number of MMR	P Installations with Sites	4																		
BRAC In	atalla	tions																				
DRAC II	istana	itions										1										
		tes and MRSs by Cla	assification		Study	37	0	0	0	0	0	\$7,679	\$0	\$0	\$0	\$0	\$0	\$0		FY13	\$206	
Response Complete	32 <b>R</b>	esponse Complete	0	1	IRA	10(11)	0	0	0			\$2,846	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$156	
High	0 M	IRSPP-1	0 MRSPP-7	0 <b>D</b>	esign	5	0	0	0	0	0	\$23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$262	
Medium	0 M	IRSPP-2	0 MRSPP-8	0 <b>F</b>	RA-C	8	0	0	0	0	0	\$2,056	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$154	
Low	0 M	IRSPP-3	0 Evaluation Pending	0 <b>R</b>	RA-O	2	0	5	0	0	0	\$1,523	\$0	\$184	\$0	\$353	\$0	\$294		FY11-Comp		\$3
Not Evaluated	0 M	IRSPP-4	0 No Known/Suspected	0 <b>I</b>	LTM	1	0	0	0	1	0	\$3	\$0	\$0	\$0	\$0		\$4		FY11-Comp		
Not Required	5 M	IRSPP-5	0 No Longer Required	0							Total	\$14,130	\$0	\$184	\$0	\$353	\$0	\$298	\$0	FY11-Comp	lete	\$3
Total IRP Sites	37 M	IRSPP-6	0 Total MRSs	0																		
		Total Number of IR	P Installations with Sites	4																		
	Tota	al Number of MMR	P Installations with Sites	0																		
Formerly	y Used	l Defense Site	s																			
	IRP Si	tes and MRSs by Cla	assification	S	Study	44	7	2	6	2	0	\$111,910	\$2,893	\$3,652	\$140	\$2,287	\$0	\$1,988	\$0	FY13	\$1,462	
Response Complete	43 R	esponse Complete	6	1	IRA	7(7)	2(2)	0	0			\$1,618	\$241	\$0	\$29	\$0	\$35	\$0	\$0	FY14	\$2,261	
High	2 M	IRSPP-1	0 MRSPP-7	0 <b>D</b>	esign	20	0	1	0	2	5	\$3,460	\$0	\$10	\$0	\$0	\$0	\$0	\$0	FY15	\$6,614	
/ledium	0 M	IRSPP-2	0 MRSPP-8		RA-C	24	3	2	0	2	6	\$122,878	\$837	\$186	\$0	\$285	\$0	\$132		FY16	\$1,212	
Low		IRSPP-3	0 Evaluation Pending	_	RA-O	2	0	1	0	3	0	\$27,616	\$0	\$51	\$0	\$335	\$0	\$183		FY11-Comp	. IRP	\$2
Not Evaluated	0 M	IRSPP-4	1 No Known/Suspected		LTM	20	0	1	3	0	1	\$820	\$254	\$55	\$42	\$55	\$47	\$0		FY11-Comp		\$10
Not Required	3 M	IRSPP-5	0 No Longer Required	6							Total	\$268,302	\$4,225	\$3,954	\$211	\$2,962		\$2,303		FY11-Comp		\$39
			0. 1																			

**Total Number of IRP Installations with Sites** 

Table E-5 Sta	itus	of State III /IV.	INIKP Sullillary as	5 01 50	ptemb	CI 00, 2	-010				T		ı								Jii i iograiii
					Com	pleted	Und	erway	Fu	ture	Costs Tl FY10 (		FY10 I Obligated		FY11 Ex Planned		FY12 P Estimat		Estima	ited Costs	(\$000)
				Phase	IRP	MMRP		MMRP	IRP	MMRP				,		, ,		. ,			· · ·
							Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<b>Montana</b>																					
Active In	ıstal	lations																			
	IRP	Sites and MRSs by Clas	sification	Study	93	8	0	35	22	0	\$9,598	\$3,046	\$0	\$2,676	\$0	\$2,167	\$0	\$14,397	FY13	\$644	\$6,80
Response Complete	83	Response Complete	8	IRA	10(18)	0	0	0			\$1,346	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$208	\$17
High	0	MRSPP-1	0 MRSPP-7	0 Design	13	0	0	0	0	17	\$775	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$9,762	\$7,77
Medium	0	MRSPP-2	0 MRSPP-8	0 RA-C	30	1	0	0	0	17	\$6,149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$215	\$7,52
Low	0	MRSPP-3	0 Evaluation Pending	32 <b>RA-O</b>	2	0	10	0	0	0	\$2,823	\$0	\$692	\$0	\$68	\$0	\$74	\$0	FY11-Comp	. IRP	\$13,74
Not Evaluated	22	MRSPP-4	1 No Known/Suspected	0 LTM	0	0	0	0	5	13	\$496	\$0	\$0	\$0	\$86	\$0	\$80	\$0	FY11-Comp	. MMRP	\$54,54
Not Required	10	MRSPP-5	1 No Longer Required	8						Total	\$21,187	\$3,046	\$692	\$2,676	\$154	\$2,167	\$154	\$14,397	FY11-Comp	lete	\$68,28
Total IRP Sites	115	MRSPP-6	1 Total MRSs	43																	
		Total Number of IRP	Installations with Sites	11																	
	Т	otal Number of MMRP	Installations with Sites	4																	
BRAC II	nctal	lations																			
.BRAC II	ııstaı	14110115			1						<u> </u>										
		Sites and MRSs by Clas	sification	Study	1	1	0	0	0	0	\$602	\$0	\$0	\$0	\$0		\$0		FY13	\$0	\$
Response Complete		Response Complete	1	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$0	\$
High		MRSPP-1	0 MRSPP-7	0 Design	1	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	\$
Medium		MRSPP-2	0 MRSPP-8	0 RA-C		0	0	0	0	0	\$25	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	\$
Low		MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$
Not Evaluated		MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$
Not Required		MRSPP-5	0 No Longer Required	1						Total	\$627	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$
Total IRP Sites	22	MRSPP-6	0 Total MRSs	1																	
		Total Number of IRP	Installations with Sites	2																	
	Т	otal Number of MMRP	Installations with Sites	1																	
Formerly	y Us	ed Defense Sites																			
	IRP	Sites and MRSs by Clas	sification	Study	17	2	0	8	0	0	\$4,389	\$885	\$0	\$15	\$0	\$50	\$0	\$0	FY13	\$50	\$
Response Complete	17	Response Complete	2	IRA	1(1)	0	0	0			\$630	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$50	\$
High	0	MRSPP-1	0 MRSPP-7	0 Design	11	0	0	0	0	4	\$413	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$50	\$
Medium	0	MRSPP-2	0 MRSPP-8	0 RA-C		0	0	0	0	4	\$3,264	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0	MRSPP-3	0 Evaluation Pending	5 RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$70
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	1 LTM	3	0	2	0	0	3	\$1,187	\$0	\$424	\$0	\$40	\$0	\$71	\$0	FY11-Comp	. MMRP	\$10,42
Not Required	0	MRSPP-5	3 No Longer Required	1	•					Total	\$9,883	\$885	\$424	\$15	\$40	\$50	\$71	\$0	FY11-Comp	lete	\$11,122
Total IRP Sites		MRSPP-6	0 Total MRSs	10									1						_		1

						Di		pleted		lerway		ture	Costs Th FY10 (		FY10 Obligate		FY11 Ex Planned		FY12 P Estimat		Estima	ted Costs	(\$000)
						Phase	IRP	MMRP		MMRP Actions)	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Nebraska									2-100 (-				Hu	WINIE	IKI	1/11/1141	INI	11111111	IIII	WINIE	riscur reur	m	1/11/11(1
Active I	netali	lations																					
Active II						Study	155	1	0	16	5	0	\$23,886	\$2,589	\$0	\$1,682	\$257	\$1,531	\$88	\$1,275	EV12	\$4,695	\$4,5
D G		Response Complete	assino	eation		·		0	0		3	U	\$30,723	\$5,665	\$0		\$237	\$201	\$0		FY14	\$1,971	\$8
Response Complete			0	MRSPP-7		IRA	75(259)			1(2)		_										\$1,488	
High		MRSPP-1			0	Design	15	0	0	0	1	8	\$8,485	\$0	\$0		\$0	\$0	\$0		FY15	\$1,488	\$1
Medium		MRSPP-2		MRSPP-8	0	RA-C	15	0	0	0	1	8	\$17,878	\$0	\$0	***	\$0		\$0		FY16		
Low		MRSPP-3		Evaluation Pending	16	RA-O	4	0	7	0	1	5	\$22,977	\$0	\$2,208		\$2,020	\$0	\$2,135		FY11-Comp.		\$21,7 \$14,4
Not Evaluated		MRSPP-4		No Known/Suspected	0	LTM	12	0	5	0	7	6	\$10,759	\$0	\$0		\$0	\$0	\$108		FY11-Comp.		
Not Required		MRSPP-5		No Longer Required	0							Total	\$114,708	\$8,254	\$2,208	\$1,832	\$2,277	\$1,732	\$2,331	\$1,294	FY11-Compl	lete	\$36,1
Total IRP Sites	160	MRSPP-6		Total MRSs	17																		
		Total Number of IR			20																		
	Т	Otal Number of MMR	P Inst	tallations with Sites	3																		
Formerl	y Us	ed Defense Site	es																				
·	IRP	Sites and MRSs by Cl	lassific	cation		Study	49	9	14	27	1	0	\$104,260	\$5,313	\$3,507	\$146	\$481	\$1,718	\$6,307	\$0	FY13	\$14,076	\$2
Response Complete	44	Response Complete	8			IRA	9(9)	1(1)	0	0			\$4,628	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$6,889	\$1
High	8	MRSPP-1	0	MRSPP-7	3	Design	33	0	4	0	9	26	\$19,900	\$0	\$199	\$0	\$455	\$50	\$224	\$0	FY15	\$10,224	:
Medium	8	MRSPP-2	0	MRSPP-8	0	RA-C	33	4	6	0	10	26	\$94,769	\$6,798	\$4,907	\$0	\$2,953	\$1,456	\$2,393	\$152	FY16	\$7,360	\$9
Low	2	MRSPP-3	0	Evaluation Pending	21	RA-O	2	0	4	0	7	0	\$45,488	\$0	\$4,819	\$0	\$13,404	\$0	\$9,164	\$0	FY11-Comp.	. IRP	\$416,2
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	2	LTM	15	5	3	1	17	19	\$1,008	\$16	\$129	\$0	\$97	\$10	\$165	\$0	FY11-Comp.	. MMRP	\$86,5
	2	MRSPP-5	0	No Longer Required	6		1					Total	\$270,053	\$12,127	\$13,561	\$146	\$17,390	\$3,234	\$18,253	\$152	FY11-Compl	loto	
Not Required	- 1			Tio Donger recquired								1000	φ270,033	,,·								icic	\$502,87
Not Required  Total IRP Sites		MRSPP-6	4	Total MRSs	36							10441	\$270,033	7-2,227	-							icic	\$502,87

							Com	pleted	Und	erway	Fu	ture	Costs Th		FY10			xecution	FY12 P		E-4:	ted Costs	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY10 (	\$000)	Obligate	ed (\$000)	Planne	1 (\$000)	Estimat	e (\$000)	Estima	tea Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Nevada																							
Active In	ıstal	lations																					
	IRP	Sites and MRSs by Cl	lassific	cation		Study	265	10	16	28	8	0	\$49,437	\$13,686	\$3,458	\$11,971	\$7,272	\$452	\$4,941	\$0	FY13	\$4,198	\$7,847
Response Complete	242	Response Complete	10			IRA	27(29)	0	0	0			\$20,035	\$0	\$0	\$0	\$2,080	\$0	\$2,110	\$0	FY14	\$1,204	\$33,110
High	2	MRSPP-1	0	MRSPP-7	0	Design	64	0	1	0	3	17	\$4,202	\$0	\$0	\$0	\$0	\$2,862	\$5	\$0	FY15	\$1,653	\$40,360
Medium	7	MRSPP-2	0	MRSPP-8	0	RA-C	89	0	5	0	2	22	\$41,808	\$0	\$565	\$0	\$591	\$0	\$0	\$5,145	FY16	\$2,742	\$11
Low	6	MRSPP-3	0	Evaluation Pending	20	RA-O	12	0	12	0	4	0	\$30,553	\$0	\$1,162	\$0	\$973	\$0	\$446	\$0	FY11-Comp	. IRP	\$48,210
Not Evaluated	16	MRSPP-4	0	No Known/Suspected	0	LTM	26	0	12	0	7	14	\$7,233	\$0	\$662	\$0	\$743	\$0	\$1,054	\$0	FY11-Comp	. MMRP	\$342,244
Not Required	16	MRSPP-5	6	No Longer Required	10							Total	\$153,268	\$13,686	\$5,847	\$11,971	\$11,659	\$3,314	\$8,556	\$5,145	FY11-Comp	lete	\$390,454
Total IRP Sites	289	MRSPP-6	2	Total MRSs	38																		
		Total Number of IR	RP Ins	tallations with Sites	7																		
	7	Total Number of MMR	RP Ins	tallations with Sites	4																		
Formerly	y Us	ed Defense Site	es																				
	IRP	Sites and MRSs by Cl	lassific	cation		Study	19	28	1	3	0	0	\$8,142	\$1,424	\$437	\$9	\$0	\$526	\$0	\$0	FY13	\$442	\$0
Response Complete	18	Response Complete	28			IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$120	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	0	3	\$501	\$0	\$26	\$0	\$0	\$0	\$0	\$50	FY15	\$16	\$729
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	13	3	0	0	0	3	\$6,289	\$192	\$8	\$0	\$0	\$0	\$0	\$1,215	FY16	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	2	RA-O	1	0	0	0	0	0	\$18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$620
Not Evaluated	1	MRSPP-4	1	No Known/Suspected	5	LTM	11	10	0	0	1	4	\$117	\$71	\$3	\$3	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$41,558
Not Required	1	MRSPP-5	0	No Longer Required	23					-		Total	\$15,067	\$1,687	\$474	\$12	\$0	\$526	\$0	\$1,265	FY11-Comp	lete	\$42,178
Total IRP Sites	20	MRSPP-6	0	Total MRSs	31																		·
		Total Number of IR	RP Ins	tallations with Sites	17																		

				Ki Summary a		<del>î -</del>		_010			1	G 4 700		EX740 3		E3744 Y	,. 1	EX/14 P				
							pleted		lerway		iture	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned		Estimat	lanning e (\$000)	Estima	ated Costs	(\$000)
					Phas	IRP	MMRF		MMRP	IRP	MMRP	·	/				. ,		· ,		***	
								Sites (	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New Ham	psh	ire																				
Active In	nstal	lations																				
	IRP	Sites and MRSs by Cla	assificat	tion	Stud	<b>y</b> 82	2	0	8	1	0	\$3,136	\$7,210	\$0	\$478	\$0	\$0	\$80	\$141	FY13	\$426	\$127
Response Complete	79	Response Complete	2		IRA	4(4)	4(4)	0	1(1)			\$1,380	\$7,531	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$641	\$57
High	0	MRSPP-1	0 N	MRSPP-7	0 Desig	<b>n</b> 4	0	0	0	0	0	\$559	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$481	\$0
Medium	0	MRSPP-2	0 N	MRSPP-8	0 RA-	C 19	0	0	0	0	6	\$3,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$379	\$0
Low	0	MRSPP-3	0 H	Evaluation Pending	8 RA-	3	0	3	0	0	0	\$5,418	\$0	\$521	\$0	\$244	\$0	\$248	\$0	FY11-Comp	o. IRP	\$5,756
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0 LTN	<b>1</b>	0	1	0	1	0	\$778	\$75	\$40	\$0	\$393	\$0	\$209	\$0	FY11-Comp	o. MMRP	\$495
Not Required	3	MRSPP-5	0 1	No Longer Required	2						Total	\$15,017	\$14,816	\$561	\$478	\$637	\$0	\$537	\$141	FY11-Comp	olete	\$6,251
Total IRP Sites	83	MRSPP-6	0 ]	Total MRSs	10																	
		Total Number of IRI	P Instal	lations with Sites	8																	
	Т	otal Number of MMRI	P Instal	lations with Sites	2																	
BRAC I	nstal	lations																				
	IRP	Sites and MRSs by Cla	assificat	tion	Stud	<b>y</b> 61	1	0	0	0	0	\$69,088	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	41	Response Complete	1		IRA	24(35)	0	0	0			\$24,205	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	0 1	MRSPP-7	0 Desig	<b>n</b> 16	0	0	0	0	0	\$1,743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0	MRSPP-2	0 N	MRSPP-8	0 RA-	C 22	0	0	0	0	0	\$35,994	\$0	\$275	\$0	\$0	\$0	\$0		FY16	\$0	\$0
Low	0	MRSPP-3	0 H	Evaluation Pending	0 RA-0	2	0	20	0	0	0	\$24,592	\$0	\$17	\$0	\$2,340	\$0	\$6,730	\$0	FY11-Comp	o. IRP	\$19,216
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0 LTN	<b>I</b> 4	0	10	0	11	0	\$11,220	\$0	\$0	\$0	\$109	\$0	\$533	\$0	FY11-Comp	o. MMRP	\$0
Not Required	20	MRSPP-5	0 1	No Longer Required	1						Total	\$166,842	\$0	\$292	\$0	\$2,449	\$0	\$7,263	\$0	FY11-Comp	olete	\$19,216
Total IRP Sites	61	MRSPP-6	0 ]	Total MRSs	1																	
		Total Number of IRI	P Instal	lations with Sites	1																	
	T	otal Number of MMRI	P Instal	lations with Sites	1																	
Formerl	y Us	ed Defense Sites	s																			
	IRP	Sites and MRSs by Cla	assificat	tion	Stud	<b>y</b> 15	5	0	0	0	0	\$496	\$0	\$2	\$0	\$0	\$0	\$0	\$0	FY13	\$7	\$0
Response Complete	14	Response Complete	5		IRA	. 0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	0 N	MRSPP-7	0 Desig	<b>n</b> 9	0	0	0	0	0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0	MRSPP-2	0 N	MRSPP-8	0 RA-	C 9	0	0	0	1	0	\$486	\$0	\$0	\$0	\$6	\$0	\$5	\$0	FY16	\$0	\$0
Low	0	MRSPP-3	0 H	Evaluation Pending	0 RA-0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. IRP	\$18
Not Evaluated	0	MRSPP-4	0 1	No Known/Suspected	0 LTN	<b>1</b> 1	1	0	0	0	0	\$1	\$1	\$1	\$1	\$0	\$0	\$0	\$0	FY11-Comp	o. MMRP	\$0
Not Required	1	MRSPP-5	0 1	No Longer Required	5						Total	\$1,133	\$1	\$3	\$1	\$6	\$0	\$5	\$0	FY11-Comp	olete	\$18
Total IRP Sites	15	MRSPP-6	0 7	Total MRSs	5													-				

Table E-5 Sta	itus	of State IXI /IV	in string a	5 01 50	Pttiio	, -															
					Com	pleted	Unde	erway	Fu	iture	Costs Tl		FY10 l Obligate		FY11 Ex Planned		FY12 Pl Estimate		Estima	ited Costs	(\$000)
				Phase	IRP	MMRP		MMRP	IRP	MMRP	·	. ,		/		. ,					
							Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New Jerse	y																				
Active In	nstal	lations																			
	IRP	Sites and MRSs by Clas	sification	Study	394	14	79	19	31	0	\$126,576	\$7,621	\$7,673	\$3,511	\$777	\$786	\$0	\$735	FY13	\$7,670	\$3,09
Response Complete	344	Response Complete	13	IRA	64(78)	2(3)	1(1)	4(6)			\$16,041	\$8,868	\$0	\$1,712	\$0	\$1,010	\$0	\$1,026	FY14	\$5,605	\$1,26
High	10	MRSPP-1	0 MRSPP-7	0 Design	41	0	35	0	18	14	\$6,586	\$0	\$0	\$0	\$68	\$0	\$1,915	\$54	FY15	\$22,888	\$13,64
Medium	42	MRSPP-2	0 MRSPP-8	0 RA-C	61	0	44	0	20	15	\$86,807	\$0	\$0	\$0	\$3,614	\$0	\$12,777	\$2,023	FY16	\$6,854	\$50,72
Low	24	MRSPP-3	5 Evaluation Pending	9 RA-O	8	0	36	0	39	0	\$14,797	\$0	\$1,299	\$0	\$2,907	\$0	\$6,400	\$0	FY11-Comp	. IRP	\$156,72
Not Evaluated	40	MRSPP-4	3 No Known/Suspected	0 LTM	15	0	22	0	47	10	\$11,346	\$0	\$511	\$0	\$384	\$0	\$1,266	\$0	FY11-Comp	. MMRP	\$76,42
Not Required	44	MRSPP-5	3 No Longer Required	13						Total	\$262,153	\$16,489	\$9,483	\$5,223	\$7,750	\$1,796	\$22,358	\$3,838	FY11-Comp	lete	\$233,149
Total IRP Sites	504	MRSPP-6	0 Total MRSs	33																	
		Total Number of IRP	Installations with Sites	19																	
	Т	otal Number of MMRP	Installations with Sites	6																	
BRAC I	nstal	lations																			
		Sites and MRSs by Clas	esification	Study	121	3	1	0	0	0	\$17,595	\$0	\$0	\$0	\$290	\$0	\$0	\$0	FY13	\$1,777	\$1
Response Complete		Response Complete	3	IRA	6(9)	0	0	0			\$985	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$1,604	\$(
High		MRSPP-1	0 MRSPP-7	0 Design		0	0	0	0	0	\$4,026	\$202	\$0	\$0	\$0	\$0	\$0		FY15	\$6,077	\$(
Medium	1	MRSPP-2	0 MRSPP-8	0 RA-C		0	1	0	0	0	\$38,087	\$202	\$232	\$0	\$0	\$0	\$0		FY16	\$894	\$
Low	1	MRSPP-3	0 Evaluation Pending	0 RA-O		0	13	0	0	0	\$11,074	\$0	\$1,261	\$0	\$6,227	\$0	\$960		FY11-Comp	. IRP	\$40,25
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	0 LTM	1	0	12	0	11	0	\$2,178	\$0	\$106	\$0	\$4,337	\$0	\$687	\$0	FY11-Comp	. MMRP	\$
Not Required	13	MRSPP-5	0 No Longer Required	3	1					Total	\$73,945	\$404	\$1,599	\$0	\$10,854	\$0	\$1,647	\$0	FY11-Comp	lete	\$40,25
Total IRP Sites	122	MRSPP-6	0 Total MRSs	3																1	
		Total Number of IRP	Installations with Sites	12																	
	Т	otal Number of MMRP	Installations with Sites	3																	
Formerl	v Us	ed Defense Sites																			
	IRP	Sites and MRSs by Clas	ssification	Study	42	16	6	10	2	0	\$34,855	\$7,128	\$2,166	\$941	\$2,125	\$25	\$587	\$0	FY13	\$4,791	\$1,21
Response Complete		Response Complete	14	IRA	4(4)	3(3)	0	0			\$12,074	\$539	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,990	\$71
High		MRSPP-1	0 MRSPP-7	1 Design	20	1	5	0	9	7	\$2,131	\$33	\$24	\$0	\$229	\$0	\$107		FY15	\$2,804	\$
Medium		MRSPP-2	0 MRSPP-8	0 RA-C		3	4	4	9	4	\$20,975	\$13,579	\$625	\$4,718	\$1,401	\$0	\$1,942		FY16	\$1,478	\$
Low	1	MRSPP-3	0 Evaluation Pending	10 RA-O		0	0	0	3	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$52,95
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	1 LTM	4	2	0	1	4	7	\$9	\$21	\$9	\$5	\$0	\$0	\$0		FY11-Comp		\$76,99
Not Required	19	MRSPP-5	0 No Longer Required	13	1					Total	\$70,044	\$21,300	\$2,824	\$5,664	\$3,755	\$25	\$2,636		FY11-Comp		\$129,955

Table E-5 Sta	itus	of State IKP/	IVIIV	ARP Summary	y as	or sej	ptemb	er 30, 2	2010										De	Telise Eliv	vironmentai .	Restoranc	ni Frogram
								pleted		erway		ture	Costs Tl		FY10 l Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	ated Costs	(\$000)
						Phase	IRP	MMRP		MMRP	IRP	MMRP						,					
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New Mexic	<b>co</b>																						
Active In	ıstal	llations																					
	IRI	Sites and MRSs by Cl	assifi	cation		Study	273	24	12	43	87	0	\$60,423	\$10,894	\$0	\$4,926	\$2,474	\$3,970	\$2,433	\$3,480	FY13	\$5,750	\$36,55
Response Complete	242	Response Complete	11			IRA	47(53)	2(2)	11(13)	3(3)			\$71,838	\$4,115	\$35,723	\$0	\$14,473	\$0	\$0	\$0	FY14	\$17,500	\$30,75
High	1	MRSPP-1	0	MRSPP-7	0	Design	32	0	1	0	13	28	\$4,826	\$0	\$0	\$0	\$10	\$1,126	\$0	\$1,437	FY15	\$4,566	\$56,88
Medium	5	MRSPP-2	C	MRSPP-8	0	RA-C	47	0	14	0	16	38	\$79,772	\$0	\$0	\$0	\$6,197	\$0	\$381	\$36,853	FY16	\$5,653	\$33,56
Low	21	MRSPP-3	0	Evaluation Pending	53	RA-O	8	0	13	0	17	19	\$29,992	\$0	\$5,099	\$0	\$3,327	\$0	\$2,114	\$0	FY11-Comp	. IRP	\$107,83
Not Evaluated	92	MRSPP-4	C	No Known/Suspected	3	LTM	20	0	57	0	21	33	\$14,502	\$0	\$1,649	\$0	\$1,740	\$0	\$1,272	\$0	FY11-Comp	. MMRP	\$239,07
Not Required	11	MRSPP-5	0	No Longer Required	11							Total	\$261,353	\$15,009	\$42,471	\$4,926	\$28,221	\$5,096	\$6,200	\$41,770	FY11-Comp	lete	\$346,90
Total IRP Sites	372	MRSPP-6	C	Total MRSs	67																		
		Total Number of IR	P Ins	tallations with Sites	12																		
	-	Total Number of MMR	P Ins	tallations with Sites	4																		
BRAC I	neto	llations																					
DRAC I	ısta	nations				1	1						1							1			
	IRI	Sites and MRSs by Cl	assifi	cation		Study	30	2	13	3	0	0	\$16,811	\$1,851	\$983	\$508	\$3,138	\$818	\$2,519	\$720	FY13	\$4,892	\$2,53
Response Complete	26	Response Complete	2	2		IRA	1(1)	0	0	1(3)			\$0	\$4,020	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$12,262	\$5,81
High	7	MRSPP-1	C	MRSPP-7	0	Design	6	0	1	0	12	3	\$2,826	\$60	\$0	\$0	\$69	\$141	\$0	\$0	FY15	\$10,183	\$10,95
Medium	2	MRSPP-2	C	MRSPP-8	0	RA-C	8	0	1	0	13	3	\$26,000	\$60	\$2,265	\$0	\$2,492	\$2,000	\$3,011	\$2,000	FY16	\$4,302	\$5,31
Low	7	MRSPP-3	O	Evaluation Pending	3	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$65,12
Not Evaluated	1	MRSPP-4	C	No Known/Suspected	0	LTM	1	0	0	0	6	1	\$364	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$69,61
Not Required	0	MRSPP-5	0	No Longer Required	2							Total	\$46,001	\$5,991	\$3,248	\$508	\$5,699	\$2,959	\$5,530	\$2,720	FY11-Comp	lete	\$134,74
Total IRP Sites	43	MRSPP-6	0	Total MRSs	5																		
		Total Number of IR	P Ins	tallations with Sites	1																		
	7	Total Number of MMR	P Ins	tallations with Sites	1																		
Formerl	y Us	sed Defense Site	es																				
	IRI	Sites and MRSs by Cl	assifi	cation		Study	61	9	15	119	5	0	\$30,833	\$26,090	\$1,935	\$2,133	\$308	\$4,485	\$432	\$0	FY13	\$4,566	\$14,80
Response Complete	54	Response Complete	8			IRA	1(1)	1(1)	0	0			\$161	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,953	\$
High	1	MRSPP-1	C	MRSPP-7	45	Design	30	0	3	2	15	118	\$2,491	\$62	\$0	\$0	\$444	\$50	\$0	\$137	FY15	\$6,873	\$5,87
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	34	1	7	2	15	118	\$10,559	\$1,430	\$3,069	\$213	\$455	\$50	\$3,442	\$1,963	FY16	\$7,708	\$19,80
Low	0	MRSPP-3	1	Evaluation Pending	64	RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	FY11-Comp	. IRP	\$79,35
Not Evaluated	15	MRSPP-4	1	No Known/Suspected	2	LTM	21	3	0	0	6	120	\$24	\$1	\$0	\$0	\$0	\$0	\$40	\$0	FY11-Comp	. MMRP	\$804,05
Not Required	8	MRSPP-5	4	No Longer Required	6		ı					Total	\$44,068	\$27,583	\$5,004	\$2,346	\$1,207	\$4,585	\$3,914	\$2,100	FY11-Comp	lete	\$883,40
Total IRP Sites	81	MRSPP-6	5	Total MRSs	128								!		l				1		•		

**Total Number of IRP Installations with Sites** 

i abie E-5 Sta	tus	of State IRP/	MMRP Summary	as or	Sep	tempe	:r 30, 2	2010										DC	ense En	/IIOIIIICIItai F	Coloradic	on Progran
						Comp	leted	Und	erway	Fu	ture	Costs Th		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat		Fetimo	ted Costs	(\$000)
				Pl	hase	IRP	MMRP		MMRP	IRP	MMRP	F X 10 (	φυυυ <i>)</i>				,,					(φυσυ)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New York																						
Active In	stal	lations																				
	IRP	Sites and MRSs by Cl	lassification	St	tudy	602	15	6	37	2	2	\$63,755	\$4,726	\$4,581	\$3,713	\$2,539	\$709	\$112	\$188	FY13	\$8,180	\$
Response Complete	577	Response Complete	15	I	RA	59(84)	1(1)	2(2)	1(1)			\$29,277	\$828	\$0	\$16	\$0	\$0	\$0	\$0	FY14	\$9,822	\$1,
ligh	3	MRSPP-1	0 MRSPP-7	0 <b>D</b> e	esign	48	0	2	0	2	21	\$7,076	\$0	\$0	\$0	\$1,448	\$0	\$36	\$0	FY15	\$15,223	
Medium	2	MRSPP-2	0 MRSPP-8	0 R	А-С	97	0	5	0	3	21	\$77,756	\$0	\$3,098	\$0	\$9,322	\$0	\$8,025	\$0	FY16	\$5,349	\$8
Low	4	MRSPP-3	1 Evaluation Pending	26 R	A-O	2	0	19	0	6	0	\$12,874	\$0	\$2,159	\$0	\$1,396	\$0	\$779	\$0	FY11-Comp.	. IRP	\$121
Not Evaluated	5	MRSPP-4	5 No Known/Suspected	0 L	TM	23	0	29	0	13	14	\$28,899	\$0	\$1,127	\$0	\$3,874	\$0	\$4,690	\$0	FY11-Comp.	. MMRP	\$49
Not Required	19	MRSPP-5	7 No Longer Required	15							Total	\$219,637	\$5,554	\$10,965	\$3,729	\$18,579	\$709	\$13,642	\$188	FY11-Compl	lete	\$171
Total IRP Sites	610	MRSPP-6	0 Total MRSs	54																		
		Total Number of IR	RP Installations with Sites	76																		
	1	Total Number of MMR	RP Installations with Sites	6																		
BRAC In	ıstal	llations																				
	IRP	Sites and MRSs by Cl	lassification	St	tudy	240	32	5	4	0	0	\$103,692	\$107	\$7,479	\$7	\$823	\$35	\$0	\$37	FY13	\$2,266	
Response Complete		Response Complete		I	RA	73(90)	1(1)	0	2(2)			\$23,289	\$7,718	\$0	\$1,561	\$27	\$0	\$0	\$0	FY14	\$2,541	
High	2	MRSPP-1	0 MRSPP-7	0 <b>D</b> 6	esign	23	1	1	0	2	1	\$22,297	\$60	\$10	\$0	\$0	\$0	\$20	\$54	FY15	\$1,611	5
Medium	5	MRSPP-2	0 MRSPP-8		A-C	43	5	2	0	3	1	\$108,430	\$4,720	\$1,503	\$0	\$0	\$0	\$239		FY16	\$2,106	:
Low	0	MRSPP-3	0 Evaluation Pending	4 R	A-O	9	0	15	0	4	0	\$20,363	\$0	\$700	\$0	\$1,282	\$0	\$1,451	\$0	FY11-Comp.	. IRP	\$37
Not Evaluated	4	MRSPP-4	0 No Known/Suspected	0 L	TM	0	0	38	3	11	4	\$15,932	\$214	\$1,397	\$0	\$1,514	\$49	\$1,059	\$9	FY11-Comp.	MMRP	\$2
Not Required	15	MRSPP-5	0 No Longer Required	32				l			Total	\$294,003	\$12,819	\$11,089	\$1,568	\$3,646	\$84	\$2,769	\$704	FY11-Compl	lete	\$39
Total IRP Sites	245	MRSPP-6	0 Total MRSs	36								I I										
•		Total Number of IR	RP Installations with Sites	13																		
	1	Total Number of MMR	RP Installations with Sites	5																		
Formerly	, He	ed Defense Site	26																			
a ormer,		Sites and MRSs by Cl		64	tudy	109	q	16	16	9	0	\$36,937	\$6,121	\$1,897	\$72	\$3,299	\$1,302	\$4,019	¢1 204	FY13	\$6,027	
Response Complete		Response Complete	lassification		RA	9(9)	1(1)	0	0	9	U	\$9,381	\$1,099	\$1,897	\$0	\$3,299	\$1,302	\$4,019		FY14	\$7,647	\$1
High	11	MRSPP-1	0 MRSPP-7			26	1(1)	4	0	62	15	\$4,543	\$1,099	\$10	\$0	\$76	\$0	\$451		FY15	\$7,747	\$2
	- 11		0 MRSPP-8		esign A-C		1								\$0		\$0 \$0			FY16	\$12,464	\$2
Medium Low	6	MRSPP-2 MRSPP-3	0 MRSPP-8 0 Evaluation Pending		A-C A-O	33	0	8	0	63	15 0	\$25,386 \$0	\$2,396 \$0	\$1,020 \$0	\$0 \$0	\$1,401 \$1,886	\$0 \$0	\$3,000 \$1,238		FY11-Comp.		\$176
Not Evaluated		MRSPP-3 MRSPP-4			TM	7	0	1	0	13	12		\$10	\$0 \$4		\$1,886	\$0 \$0	\$1,238		FY11-Comp.		\$86
	4		2 No Known/Suspected	2 L	1 IVI	7	I	1	0	13	Total	\$16 \$76,263	\$9,632	\$2,931	\$10 \$82	\$6,662	\$1,302	\$8,708		FY11-Comp.		\$262
Not Required	65	MRSPP-6	0 No Longer Required 0 Total MRSs	25							Total	\$/0,263	\$9,632	\$2,931	\$82	\$0,062	\$1,502	\$8,708	\$1,380	F 111-Compl	iete	\$202

Table E-5 Sta	atus	of State IRP/	MN	IRP Summary	as	of Sep	ptembe	er 30, 2	2010										Dei	tense Envi	ronmental l	Kestoratio	on Program
							Comp	oleted		erway		ture	Costs Th		FY10 l Obligate		FY11 Ex Planned	xecution d (\$000)	FY12 P Estimate		Estima	ited Costs	(\$000)
						Phase	IRP	MMRP		MMRP	IRP	MMRP											
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
North Car	oli1	ıa																					
Active In	nstal	lations																					
	IRP	Sites and MRSs by C	lassific	cation		Study	535	43	29	23	26	4	\$110,962	\$9,185	\$4,548	\$1,845	\$1,136	\$3,515	\$180	\$3,924	FY13	\$8,347	\$4,316
Response Complete	417	Response Complete	41			IRA	70(92)	0	0	1(1)			\$46,525	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$9,851	\$5,113
High	8	MRSPP-1	0	MRSPP-7	0	Design	102	4	1	0	5	24	\$15,758	\$0	\$914	\$0	\$346	\$0	\$0	\$0	FY15	\$13,104	\$3,096
Medium	4	MRSPP-2	2	MRSPP-8	3	RA-C	117	4	21	1	23	25	\$76,225	\$880	\$2,538	\$0	\$5,950	\$0	\$3,008	\$0	FY16	\$19,683	\$3,985
Low	0	MRSPP-3	1	Evaluation Pending	15	RA-O	75	3	63	0	21	3	\$99,872	\$0	\$8,427	\$0	\$5,550	\$0	\$5,155	\$0	FY11-Comp	. IRP	\$176,199
Not Evaluated	64	MRSPP-4	4	No Known/Suspected	5	LTM	22	3	33	0	70	23	\$13,577	\$0	\$802	\$0	\$1,416	\$0	\$1,208	\$0	FY11-Comp	. MMRP	\$130,303
Not Required	97	MRSPP-5	3	No Longer Required	36							Total	\$362,919	\$10,065	\$17,229	\$1,845	\$14,398	\$3,515	\$9,551	\$3,924	FY11-Comp	lete	\$306,502
Total IRP Sites	590	MRSPP-6	1	Total MRSs	70																		
		Total Number of IR	P Ins	tallations with Sites	35																		
	1	Total Number of MMR	P Ins	tallations with Sites	7																		
BRAC I	nstal	llations																					
	IRP	Sites and MRSs by C	lassific	cation		Study	2	0	0	0	0	0	\$95	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	2	Response Complete	0			IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0							Total	\$95	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$0
Total IRP Sites	2	MRSPP-6	0	Total MRSs	0																		
		Total Number of IR	P Ins	tallations with Sites	1																		
	1	Total Number of MMR	P Ins	tallations with Sites	0																		
Formerl	ly Us	ed Defense Site	es																				
	IRP	Sites and MRSs by C	lassific	cation		Study	37	12	0	16	0	0	\$10,195	\$9,681	\$0	\$90	\$0	\$311	\$0	\$2,661	FY13	\$1,201	\$757
Response Complete	33	Response Complete	11			IRA	1(1)	1(1)	0	0			\$135	\$891	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,335	\$0
High	2	MRSPP-1	0	MRSPP-7	0	Design	24	0	2	0	0	17	\$982	\$0	\$49	\$0	\$144	\$0	\$0	\$0	FY15	\$2,165	\$1,101
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	26	2	1	2	2	15	\$7,294	\$10,520	\$274	\$2,663	\$2,507	\$100	\$3,143	\$0	FY16	\$2,479	\$3,782
Low	0	MRSPP-3	0	Evaluation Pending	14	RA-O	1	0	1	0	2	0	\$305	\$0	\$205	\$0	\$47	\$0	\$755	\$0	FY11-Comp	. IRP	\$37,646
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	4	LTM	24	6	1	2	4	16	\$185	\$80	\$37	\$4	\$67	\$153	\$0	\$0	FY11-Comp	. MMRP	\$301,483
							•		•														6220 120
Not Required	2	MRSPP-5	1	No Longer Required	7							Total	\$19,096	\$21,172	\$565	\$2,757	\$2,765	\$564	\$3,898	\$2,661	FY11-Comp	lete	\$339,129

							Com	pleted	Und	lerway	Fu	ture	Costs Tl		FY10 Obligate		FY11 Ex Planne		FY12 P Estimate		Estimate	d Coete	(0002)
						Phase	IRP	MMRP	IRP	<b>MMRP</b>	IRP	MMRP	F 1 10 (	\$UUU)	Obligate	a (\$000)	Planned	1 (\$000)	Esumau	e (\$000)	Estillate	u Cosis	(\$000)
									Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
North Dak	ota																						
Active In		tions																					
·	IRP Si	ites and MRSs by Cl	assific	cation		Study	73	4	0	15	11	1	\$8,538	\$3,973	\$0	\$2,073	\$0	\$1,843	\$4,746	\$1,216	FY13	\$643	\$3,16
Response Complete	69 R	Response Complete	3			IRA	5(5)	0	0	0			\$447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$630	\$2,97
High	0 N	MRSPP-1	0	MRSPP-7	0	Design	7	0	0	0	1	3	\$3,605	\$0	\$0	\$0	\$1,424	\$0	\$0	\$0	FY15	\$653	\$15
Medium	1 N	ARSPP-2	0	MRSPP-8	0	RA-C	26	1	0	0	1	8	\$15,100	\$0	\$0	\$0	\$0	\$0	\$27	\$0	FY16	\$690	\$21
Low	0 N	ARSPP-3	0	Evaluation Pending	17	RA-O	4	0	2	0	1	0	\$2,391	\$0	\$80	\$0	\$258	\$0	\$268	\$0	FY11-Comp. I	RP	\$15,44
Not Evaluated	11 N	ARSPP-4	0	No Known/Suspected	0	LTM	2	1	4	0	4	5	\$4,091	\$0	\$461	\$0	\$301	\$0	\$560	\$0	FY11-Comp. N	MMRP	\$12,35
Not Required	3 N	ARSPP-5	0	No Longer Required	3							Total	\$34,172	\$3,973	\$541	\$2,073	\$1,983	\$1,843	\$5,601	\$1,216	FY11-Complet	te	\$27,80
Total IRP Sites	84 N	ARSPP-6	0	Total MRSs	20																		
		Total Number of IR	P Ins	tallations with Sites	8																		
	Tot	tal Number of MMR	P Ins	tallations with Sites	5																		
Formerly	y Used	d Defense Site	es																				
<u> </u>	IRP Si	ites and MRSs by Cl	assific	cation		Study	5	0	0	0	0	0	\$449	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	5 R	Response Complete	0			IRA	1(1)	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0 N	ARSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0	0	\$322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 N	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	0	0	\$773	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0 N	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. I	RP	\$
Not Evaluated	0 N	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. N	MMRP	\$
Not Required	0 N	MRSPP-5	0	No Longer Required	0					-		Total	\$1,544	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Complet	te	\$
Total IRP Sites	5 N	MRSPP-6	0	Total MRSs	0													<u> </u>			· · · · · · · · · · · · · · · · · · ·		
		Total Number of IR	P Ins	tallations with Sites	4																		

							Con	pleted	Une	derway	Fu	iture	Costs Tl FY10 (		FY10 Dobligate		FY11 Ex Planned		FY12 P Estimat		Estima	ited Costs	(\$000)
						Phase	IRP	<b>MMRP</b>	IRP	MMRP	IRP	MMRP	F110(	\$000)	Obligate	u (\$000)	riannec	1 (\$000)	Estillat	e (\$000)	Listima	iteu Costs	(ψ000)
									Sites (	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Northern I	Ma	riana Islan	ds																				
		sed Defense Site																					
	IRI	Sites and MRSs by C	lassifi	cation		Study	16	1	2	5	0	0	\$3,201	\$797	\$434	\$568	\$221	\$200	\$0	\$621	FY13	\$2,577	\$0
Response Complete	12	Response Complete	1			IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,524	\$2,815
High	0	MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	3	5	\$1,363	\$0	\$63	\$0	\$132	\$0	\$0	\$0	FY15	\$2,119	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	0	0	6	5	\$4,039	\$0	\$0	\$0	\$1,555	\$0	\$2,349	\$0	FY16	\$2,620	\$0
Low	2	MRSPP-3	0	Evaluation Pending	5	RA-O	4	0	0	0	1	0	\$18,354	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$20,139
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	3	5	\$165	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. MMRP	\$141,755
Not Required	2	MRSPP-5	0	No Longer Required	1							Total	\$27,122	\$797	\$497	\$568	\$1,908	\$200	\$2,349	\$621	FY11-Compl	lete	\$161,894
Total IRP Sites	18	MRSPP-6	0	Total MRSs	6																		
		Total Number of II	RP Ins	tallations with Sites	13																		
	,	Total Number of MMI	D Inc	tallations with Sites																			

rabie E-5 Sta	itus of State II	RP/MMRP Summary	as of Se	eptemb	er 30, 2	4U1U										De.	iense env	ironmentai K	estorano	m Prograi
				Com	pleted	Und	erway	Fu	ture	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat	lanning	Estimat	ed Costs	(\$000)
			Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	1110(	φουο)	Obligate	u (\$000)	1 lannec	1 (φυσυ)	Estimat	e (\$000)	Listimut	eu Costs	(ψοσο)
						Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Ohio																				
Active In	nstallations																			
	IRP Sites and MRSs	by Classification	Study	y 448	6	39	20	0	1	\$163,597	\$13,059	\$3,911	\$7,733	\$2,252	\$3,232	\$1,466	\$952	FY13	\$8,812	5
Response Complete	433 Response Comp	lete 6	IRA	63(78)	1(2)	5(5)	0			\$13,530	\$374	\$102	\$0	\$574	\$0	\$116	\$0	FY14	\$7,013	\$7
High	6 MRSPP-1	0 MRSPP-7	0 Desig	<b>n</b> 13	0	22	5	15	12	\$17,105	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$7,917	
/ledium	19 MRSPP-2	0 MRSPP-8	0 <b>RA-0</b>	45	0	24	5	17	12	\$69,976	\$0	\$103	\$0	\$1,364	\$0	\$63	\$0	FY16	\$15,596	\$2
Low	8 MRSPP-3	2 Evaluation Pending	8 RA-0	14	0	5	0	6	0	\$32,423	\$0	\$12,582	\$0	\$1,208	\$0	\$2,525	\$0	FY11-Comp.	IRP	\$89
Not Evaluated	14 MRSPP-4	3 No Known/Suspected	1 LTM	2	0	16	0	10	14	\$21,601	\$0	\$2,751	\$0	\$3,419	\$0	\$3,386	\$0	FY11-Comp.	MMRP	\$16
Not Required	7 MRSPP-5	6 No Longer Required	6						Total	\$318,232	\$13,433	\$19,449	\$7,733	\$8,817	\$3,232	\$7,556	\$952	FY11-Comple	ete	\$106
Total IRP Sites	487 MRSPP-6	1 Total MRSs	27																	
	Total Number	of IRP Installations with Sites	51																	
	Total Number of I	MMRP Installations with Sites	4																	
DDAC I	nstallations		<u> </u>																	
BRACI	iistaiiatioiis			1		_			_	<u> </u>								1		
	IRP Sites and MRSs		Study		0	0	0	0	0	\$18,293	\$0	\$0	\$0	\$0		\$0		FY13	\$606	
Response Complete	73 Response Comp		IRA	27(28)	0	0	0			\$5,975	\$0	\$0	\$0	\$0		\$0		FY14	\$506	
High	0 MRSPP-1	0 MRSPP-7	0 Desig	-	0	0	0	0	0	\$2,136	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$540	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-0		0	0	0	0	0	\$5,743	\$0	\$0	\$0	\$0		\$0		FY16	\$571	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-0		0	8	0	0	0	\$11,658	\$0	\$393	\$0	\$2,860	\$0	\$505		FY11-Comp.		\$1
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	1	0	26	0	8	0	\$344	\$0	\$0	\$0	\$299	\$0	\$156		FY11-Comp.		
Not Required	8 MRSPP-5	0 No Longer Required	0						Total	\$44,149	\$0	\$393	\$0	\$3,159	\$0	\$661	\$0	FY11-Comple	ete	\$11
Total IRP Sites	81 MRSPP-6	0 Total MRSs	0																	
	Total Number	of IRP Installations with Sites	3																	
	Total Number of I	MMRP Installations with Sites	0																	
Formerly	y Used Defense	Sites																		
	IRP Sites and MRSs	by Classification	Study	y 50	7	23	2	0	1	\$63,304	\$4,564	\$5,868	\$276	\$6,128	\$83	\$3,460	\$347	FY13	\$8,865	
Response Complete	48 Response Comp	lete 7	IRA	6(6)	1(1)	0	0			\$4,067	\$362	\$34	\$0	\$0	\$0	\$0	\$0	FY14	\$11,804	
ligh	14 MRSPP-1	0 MRSPP-7	0 Desig	n 21	1	7	0	13	1	\$4,132	\$42	\$112	\$0	\$628	\$0	\$620	\$0	FY15	\$6,509	
	a lamanna	0 MRSPP-8	0 RA-0	_	2	7	1	16	1	\$45,948	\$2,042	\$3,661	\$125	\$4,145	\$0	\$6,446		FY16	\$3,543	
/ledium	5 MRSPP-2												\$0		\$0					
	5 MRSPP-2 5 MRSPP-3	0 Evaluation Pending	3 RA-0	2	0	0	0	5	0	\$208	\$0	\$0	\$0	\$0	20	\$0	30	FY11-Comp.	IRP	\$178
Low			3 RA-0		5	5	2	5 14	0	\$208 \$1,325	\$0 \$165	\$0 \$213	\$19	\$5		\$0		FY11-Comp.		
Medium Low Not Evaluated Not Required	5 MRSPP-3	0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required							0 1 Total				ΨΟ				\$0		MMRP	\$178 \$11 \$190

							Com	pleted	Und	lerway	Fu	ture	Costs T		FY10 Obligate		FY11 Ex Planned		FY12 P Estimat		Estimat	ed Costs	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	F 1 10	, <b>Φ</b> 000)	Obligate	u (\$000)	riannec	1 (\$000)	Estillat	e (\$000)	Estimat	eu Cosis	(\$000)
									Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Oklahoma																							
Active In		lations																					
	IRP	Sites and MRSs by Cl	lassifi	cation		Study	339	7	1	24	29	0	\$117,754	\$6,709	\$125	\$1,465	\$3,591	\$2,765	\$818	\$1,635	FY13	\$9,341	\$2,234
Response Complete	305	Response Complete	1			IRA	54(94)	0	0	0			\$90,538	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$6,775	\$11,538
High	0	MRSPP-1	0	MRSPP-7	0	Design	29	0	1	0	0	18	\$20,823	\$0	\$0	\$0	\$0	\$248	\$0	\$0	FY15	\$7,050	\$678
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	42	0	3	0	0	20	\$62,581	\$0	\$0	\$0	\$15	\$0	\$0	\$0	FY16	\$4,392	\$13
Low	1	MRSPP-3	1	Evaluation Pending	24	RA-O	7	0	28	0	3	0	\$56,526	\$0	\$2,147	\$0	\$6,045	\$0	\$9,184	\$0	FY11-Comp.	IRP	\$87,977
Not Evaluated	30	MRSPP-4	1	No Known/Suspected	0	LTM	19	0	24	0	29	18	\$27,863	\$0	\$2,054	\$0	\$2,084	\$0	\$839	\$0	FY11-Comp.	MMRP	\$20,254
Not Required	31	MRSPP-5	4	No Longer Required	1							Total	\$376,085	\$6,709	\$4,326	\$1,465	\$11,735	\$3,013	\$10,841	\$1,635	FY11-Comple	ete	\$108,231
Total IRP Sites	369	MRSPP-6	0	Total MRSs	31																		
		Total Number of IR	P Ins	tallations with Sites	38																		
	1	Total Number of MMR	P Ins	tallations with Sites	5																		
Formerly	y Us	ed Defense Site	es																				
·	IRP	Sites and MRSs by Cl	lassifi	cation		Study	58	18	1	9	0	0	\$14,423	\$6,701	\$39	\$74	\$0	\$83	\$560	\$386	FY13	\$1,428	\$861
Response Complete	57	Response Complete	17			IRA	3(3)	2(2)	0	0			\$5,015	\$1,604	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$174	\$63
High	1	MRSPP-1	0	MRSPP-7	0	Design	42	3	3	1	0	9	\$3,469	\$17	\$20	\$7	\$128	\$77	\$0	\$60	FY15	\$184	\$14
Medium	1	MRSPP-2	1	MRSPP-8		RA-C	40	1	1	1	2	9	\$19,223	\$18	\$856	\$18	\$202	\$876	\$0	\$46	FY16	\$622	\$1,592
Low	0	MRSPP-3	0	Evaluation Pending	6	RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$5	\$0	\$194	\$0	FY11-Comp.	IRP	\$20,745
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	3	LTM	8	7	4	0	3	7	\$5,059	\$172	\$497	\$0	\$371	\$0	\$269	\$0	FY11-Comp.	MMRP	\$50,925
Not Required	0	MRSPP-5	2	No Longer Required	14							Total	\$47,189	\$8,512	\$1,412	\$99	\$706	\$1,036	\$1,023	\$492	FY11-Comple	ete	\$71,670
Total IRP Sites	59	MRSPP-6	0	Total MRSs	27																		
		Total Number of IR	P Ins	tallations with Sites	34																		

Table E-5 Sta	itus	of State IRP/	VIIVI.	RP Summary	as o	or Ser	otembo	er 30, 2	2010										De	tense Env	ironmentai	Restoranc	on Program
							Comp			erway		ture	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned			lanning te (\$000)	Estima	ated Costs	(\$000)
					]	Phase	IRP	MMRP	IRP Sites (A	MMRP etions)	IRP	MMRP						,	IRP	. ,	E:1 X/	IDD	MMDD
									Sites (A	etions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MIMIKP	Fiscal Year	IKP	MMRP
Oregon																							
Active In	ıstal	llations																					
	IRI	Sites and MRSs by Cla	assifica	tion		Study	68	2	0	13	13	3	\$12,004	\$5,930	\$130	\$3,321	\$183	\$1,332	\$607	\$282	FY13	\$0	\$5,039
Response Complete	65	Response Complete	2			IRA	10(12)	0	0	1(1)			\$4,469	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,001	\$5,17
High	0	MRSPP-1	0 ]	MRSPP-7	0	Design	6	0	2	0	2	5	\$813	\$0	\$0	\$0	\$984	\$0	\$1,159	\$0	FY15	\$350	\$
Medium	1	MRSPP-2	0 ]	MRSPP-8	0	RA-C	12	0	0	0	4	5	\$5,634	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$279	\$18,34
Low	1	MRSPP-3	0 ]	Evaluation Pending	16	RA-O	2	0	1	0	4	1	\$102	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. IRP	\$5,78
Not Evaluated	13	MRSPP-4	0 ]	No Known/Suspected	0	LTM	6	0	5	0	4	9	\$2,452	\$0	\$1,132	\$0	\$0	\$0	\$0	\$184	FY11-Comp	o. MMRP	\$32,263
Not Required	1	MRSPP-5	0 ]	No Longer Required	2							Total	\$25,474	\$5,930	\$1,262	\$3,321	\$1,167	\$1,332	\$1,766	\$466	FY11-Comp	olete	\$38,050
Total IRP Sites	81	MRSPP-6	0	Total MRSs	18																		
		Total Number of IRI	P Insta	llations with Sites	21																		
		Total Number of MMRI	P Insta	llations with Sites	5																		
BRAC In	nsta	llations																					
	IRI	Sites and MRSs by Cla	assifica	tion		Study	117	1	0	1	0	0	\$20,983	\$7	\$0	\$7	\$0	\$0	\$0	\$279	FY13	\$2,277	\$5,923
Response Complete	116	Response Complete	1			IRA	0	0	0	0			\$590	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,612	\$12,001
High	1	MRSPP-1	0 ]	MRSPP-7	0	Design	12	1	0	0	1	1	\$397	\$0	\$0	\$0	\$747	\$0	\$0	\$0	FY15	\$3,041	\$9
Medium	0	MRSPP-2	0 ]	MRSPP-8	0	RA-C	13	1	0	0	1	1	\$28,675	\$0	\$0	\$0	\$298	\$0	\$1,911	\$0	FY16	\$0	\$(
Low	0	MRSPP-3	0 ]	Evaluation Pending	1	RA-O	1	0	0	0	1	0	\$3,031	\$0	\$338	\$0	\$0	\$0	\$314	\$0	FY11-Comp	o. IRP	\$10,39
Not Evaluated	0	MRSPP-4	0 ]	No Known/Suspected	0	LTM	0	0	1	1	1	1	\$1,575	\$0	\$58	\$0	\$109	\$60	\$88	\$0	FY11-Comp	o. MMRP	\$18,354
Not Required	0	MRSPP-5	0 ]	No Longer Required	1							Total	\$55,251	\$7	\$396	\$7	\$1,154	\$60	\$2,313	\$279	FY11-Comp	olete	\$28,751
Total IRP Sites	117	MRSPP-6	0 7	Total MRSs	2																		
		Total Number of IRI	P Insta	llations with Sites	1																		
		Total Number of MMRI	P Insta	llations with Sites	1																		
Formerly	y Us	sed Defense Sites	s																				
	IRI	Sites and MRSs by Cla	assifica	tion		Study	29	5	3	16	1	0	\$10,460	\$2,107	\$585	\$106	\$965	\$731	\$104	\$26	FY13	\$4,690	\$1,34
Response Complete	29	Response Complete	5			IRA	2(2)	0	0	0			\$936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$9,639	\$6
High	1	MRSPP-1	0 ]	MRSPP-7	1	Design	25	0	1	0	1	16	\$3,229	\$0	\$0	\$0	\$0	\$0	\$1,344	\$0	FY15	\$1,970	\$2,09
Medium	1	MRSPP-2	0 ]	MRSPP-8		RA-C	22	0	2	0	1	16	\$12,627	\$0	\$19	\$0	\$0	\$0	\$0		FY16	\$6,332	\$
Low	0	MRSPP-3	_	Evaluation Pending		RA-O	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	o. IRP	\$40,00
Not Evaluated	1	MRSPP-4	2 ]	No Known/Suspected	_	LTM	19	0	1	0	1	15	\$678	\$0	\$4	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. MMRP	\$213,295
Not Required	1	MRSPP-5		No Longer Required	5							Total	\$27,930	\$2,107	\$608	\$106	\$965	\$731	\$1,448	\$26	FY11-Comp	olete	\$253,297
Total IRP Sites	33	MRSPP-6	0 '	Total MRSs	21																		

Table E-5 Sta	itus (	of State IRP/N	MMRP Summary	as or	Sel	ptembe	er 30, 2	2010										De	Tellse Ellv	Hommentar	Kesiorani	on Program
						Comp			erway		ture	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	ated Costs	(\$000)
				Ph	1ase	IRP	MMRP		MMRP actions)	IRP	MMRP	IRP	MMDD	IDD	MMDD	IDD	MMDD	IDD	MMDD	Fiscal Year	TDD	MMDD
D 1	•							Sites (A	etions)			IKP	MMRP	IRP	MMRP	IRP	MMRP	IRP	WIMIKP	Fiscal Year	IRP	MMRP
Pennsylvar																						
Active In	ıstalla	ations																				
	IRP S	Sites and MRSs by Cla	ssification	St	tudy	741	12	15	13	8	0	\$63,316	\$3,833	\$481	\$704	\$0	\$881	\$525	\$2,079	FY13	\$1,045	\$12
Response Complete	734 ]	Response Complete	12	I	RA	60(70)	0	1(1)	0			\$18,537	\$29	\$258	\$0	\$0	\$0	\$0	\$0	FY14	\$2,124	\$
High	10	MRSPP-1	0 MRSPP-7	0 <b>D</b> e	esign	30	0	7	0	0	6	\$6,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$676	\$13,85
Medium	7 ]	MRSPP-2	1 MRSPP-8	0 R	А-С	99	1	9	0	0	6	\$71,785	\$0	\$5,725	\$0	\$20	\$0	\$667	\$0	FY16	\$1,043	\$17,62
Low	1 ]	MRSPP-3	0 Evaluation Pending	11 <b>R</b> .	A-O	13	0	10	0	1	0	\$13,941	\$0	\$371	\$0	\$614	\$0	\$412	\$0	FY11-Comp	. IRP	\$17,73
Not Evaluated	8 ]	MRSPP-4	0 No Known/Suspected	0 L	TM	13	0	23	1	9	2	\$7,171	\$2,011	\$486	\$274	\$607	\$0	\$866	\$0	FY11-Comp	o. MMRP	\$36,45
Not Required	4	MRSPP-5	0 No Longer Required	12							Total	\$180,890	\$5,873	\$7,321	\$978	\$1,241	\$881	\$2,470	\$2,079	FY11-Comp	olete	\$54,18
Total IRP Sites	764	MRSPP-6	1 Total MRSs	25																		
		Total Number of IRP	Installations with Sites	95																		
	To	otal Number of MMRP	Installations with Sites	5																		
BRAC I	nstall	ations																				
220101		Sites and MRSs by Cla	16:4:	C+	tudy	158	2	15	0	0	0	\$30,765	\$0	\$602	\$0	\$0	\$0	\$0	0.2	FY13	\$1,782	\$
Response Complete	_	Response Complete	ssincation		RA	17(19)	0	1(1)	0	-	· ·	\$10,104	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$1,821	
High	_	MRSPP-1	0 MRSPP-7		esign	49	0	1	0	3	0	\$7,281	\$0	\$27	\$0	\$827	\$0	\$0		FY15	\$1,751	\$
Medium	_	MRSPP-2	0 MRSPP-8		A-C	70	0	1	0	5	0	\$40,891	\$0	\$397	\$0	\$422	\$0	\$190		FY16	\$1,766	\$
Low	_	MRSPP-3	0 Evaluation Pending		A-O	6	0	6	0	3	0	\$24,071	\$0	\$2,013	\$0	\$1,872	\$0	\$1,672		FY11-Comp		\$48,90
Not Evaluated	_	MRSPP-4	No Known/Suspected		TM	9	0	3	0	4	0	\$2,912	\$0	\$18	\$0	\$5	\$0	\$43		FY11-Comp		\$
Not Required	_	MRSPP-5	0 No Longer Required	2		-					Total	\$116,024	\$0		\$0	\$3,126	\$0	\$1,905		FY11-Comp		\$48,90
Total IRP Sites	173 ]	MRSPP-6	0 Total MRSs	2																	I	
	-	Total Number of IRP	Installations with Sites	20																		
	To	otal Number of MMRP	Installations with Sites	1																		
Formark	v I Ico	d Defense Sites	,																			
Tormeri												<u> </u>								l		***
		Sites and MRSs by Cla	ssification		tudy	66	33	4	1	3	2	\$18,224	\$2,831	\$982	\$112	\$1,278	\$13	\$219		FY13	\$2,108	\$18
Response Complete	_	Response Complete	17		RA	3(3)	3(3)	0	0			\$897	\$4,891	\$0	\$0	\$0	\$0	\$0		FY14	\$1,799	\$9
High	2 ]	MRSPP-1	0 MRSPP-7		esign	35	1	0	1	6	8	\$3,390	\$137	\$0	\$27	\$69	\$0	\$264		FY15	\$1,394	\$1
Medium	_	MRSPP-2	0 MRSPP-8		А-С	44	2	3	4	5	9	\$23,108	\$4,406	\$287	\$4,378	\$2,367	\$0	\$2,383		FY16	\$827	\$1
Low	_	MRSPP-3	0 Evaluation Pending		A-O	0	0	2	0	2	0	\$1,893	\$0	\$469	\$0	\$500	\$0	\$342		FY11-Comp		\$33,05
Not Evaluated	_	MRSPP-4	0 No Known/Suspected	2 L	TM	21	8	2	0	6	17	\$2,116	\$143	\$363	\$0	\$57	\$4	\$26		FY11-Comp		\$97,74
Not Required	_	MRSPP-5	0 No Longer Required	15							Total	\$49,628	\$12,408	\$2,101	\$4,517	\$4,271	\$17	\$3,234	\$12	FY11-Comp	olete	\$130,799
Total IRP Sites	73	MRSPP-6	0 Total MRSs	36																		

1 adie E-5 Sta	atus	of State IRP/	IVIIV	TRP Summary	as (	or Sel	otembe	er 30, 2	2010										Dei	ense Env	ironmentai i	xestorano	ni Program
							Comp	oleted	Unde	erway	Fu	ture	Costs Th		FY10 I Obligated		FY11 Ex Planned		FY12 Pl Estimate		Estimo	ited Costs	(\$000)
						Phase	IRP	MMRP		MMRP	IRP	MMRP	F110 (	φ <b>υ</b> υυ <i>)</i>	Obligated	u (\$000)	riannec	1 (\$000)	Estimate	: (\$UUU)	Littina	iteu Costs	(ψ000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Puerto Rio	co																						
Active In	nstal	lations																					
	IRP	Sites and MRSs by C	lassifi	cation		Study	136	4	12	23	3	0	\$36,620	\$27,368	\$2,246	\$3,682	\$1,458	\$5,732	\$206	\$3,490	FY13	\$1,848	\$20,990
Response Complete	71	Response Complete	3			IRA	7(10)	0	3(3)	0			\$6,643	\$16,575	\$0	\$16,575	\$0	\$15,174	\$0	\$16,198	FY14	\$3,644	\$21,039
High	6	MRSPP-1	0	MRSPP-7	0	Design	5	0	1	0	7	17	\$2,115	\$2,892	\$0	\$0	\$1,673	\$0	\$0	\$131	FY15	\$1,299	\$21,081
Medium	1	MRSPP-2	16	MRSPP-8	0	RA-C	6	0	2	0	8	17	\$13,380	\$74,951	\$0	\$0	\$1,142	\$0	\$1,645	\$254	FY16	\$842	\$21,756
Low	1	MRSPP-3	1	Evaluation Pending	5	RA-O	2	0	2	0	8	0	\$5,823	\$0	\$3,494	\$0	\$0	\$0	\$546	\$0	FY11-Comp	. IRP	\$27,055
Not Evaluated	9	MRSPP-4	2	No Known/Suspected	0	LTM	3	0	0	0	11	16	\$186	\$0	\$0	\$0	\$21	\$0	\$92	\$0	FY11-Comp	. MMRP	\$363,018
Not Required	63	MRSPP-5	0	No Longer Required	3							Total	\$64,767	\$121,786	\$5,740	\$20,257	\$4,294	\$20,906	\$2,489	\$20,073	FY11-Comp	lete	\$390,073
Total IRP Sites	151	MRSPP-6	0	Total MRSs	27																		
		Total Number of II	RP Ins	tallations with Sites	10																		
	7	Total Number of MMI	RP Ins	tallations with Sites	6																		
BRAC I	nsta	llations																					
	IRP	Sites and MRSs by C	lassifi	cation		Study	38	1	24	2	0	0	\$9,060	\$608	\$6,893	\$608	\$2,228	\$1,803	\$1,874	\$654	FY13	\$630	\$69
Response Complete	28	Response Complete	1			IRA	0	0	0	0			\$889	\$0	\$0	\$0	\$825	\$0	\$0	\$0	FY14	\$702	\$0
High	1	MRSPP-1	0	MRSPP-7	1	Design	6	0	7	0	14	2	\$122	\$0	\$122	\$0	\$399	\$0	\$201	\$288	FY15	\$701	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	10	0	11	0	16	2	\$7,180	\$0	\$230	\$0	\$376	\$0	\$9,050	\$1,031	FY16	\$714	\$0
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	3	0	8	0	\$1,154	\$0	\$800	\$0	\$624	\$0	\$975	\$0	FY11-Comp	. IRP	\$48,442
Not Evaluated	29	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	3	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$9,627
Not Required	4	MRSPP-5	0	No Longer Required	1							Total	\$18,405	\$608	\$8,045	\$608	\$4,452	\$1,803	\$12,100	\$1,973	FY11-Comp	lete	\$58,069
Total IRP Sites	62	MRSPP-6	0	Total MRSs	3																		
		Total Number of II	RP Ins	tallations with Sites	2																		
	1	Total Number of MMI	RP Ins	tallations with Sites	2																		
Former	ly Us	ed Defense Site	es																				
	IRP	Sites and MRSs by C	lassifi	cation		Study	11	5	2	18	0	0	\$6,557	\$9,900	\$337	\$3,640	\$80	\$2,164	\$320	\$577	FY13	\$2,933	\$50
Response Complete	7	Response Complete	4	1		IRA	1(1)	2(2)	0	0			\$378	\$27	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,865	\$4,173
High	2	MRSPP-1	0	MRSPP-7	0	Design	6	0	1	1	2	17	\$2,108	\$7	\$0	\$0	\$0	\$0	\$541	\$0	FY15	\$3,352	\$1,453
Medium	0	MRSPP-2	3	MRSPP-8	0	RA-C	6	0	2	3	2	15	\$16,204	\$8,171	\$256	\$0	\$449	\$0	\$1,132	\$0	FY16	\$1,429	\$75
Low	0	MRSPP-3	2	Evaluation Pending	6	RA-O	0	0	0	0	3	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$18,731
Not Evaluated	- 1	MRSPP-4	7	No Known/Suspected	1	LTM	2	1	1	0	0	16	\$701	\$1	\$16	\$0	\$50	\$0	\$10	\$0	FY11-Comp	. MMRP	\$121,336
Not Required	3	MRSPP-5	1	No Longer Required	3							Total	\$25,948	\$18,106	\$609	\$3,640	\$579	\$2,164	\$2,003	\$577	FY11-Comp	lete	\$140,067

**Total Number of IRP Installations with Sites** 

		01 80000 11117	MINIKP Summary a	.5 01 50							Cr-4- m	mongl.	EX710 1	Tunds	EV/11 E		EV/14 D		ı		on i rograi
						pleted		erway		iture	Costs Tl FY10 (		FY10 I Obligated		FY11 Ex Planned		FY12 Pl Estimate		Estimat	ed Costs	(\$000)
				Phase	IRP	MMRP		MMRP	IRP	MMRP		MAMP	TDD	MARIN	IDD	MADD	TDD	MADD	E' 137	TDD	MADE
	_						Sites (A	(ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Rhode Isla	nd																				
Active In	stal	lations																			
	IRP	Sites and MRSs by C	lassification	Study	66	2	11	4	6	0	\$35,217	\$982	\$1,822	\$521	\$721	\$1,139	\$912	\$1,345	FY13	\$9,573	
Response Complete	60	Response Complete	2	IRA	13(16)	0	0	1(1)			\$19,980	\$266	\$0	\$266	\$0	\$0	\$0	\$0	FY14	\$4,759	
High	7	MRSPP-1	0 MRSPP-7	0 Design	4	0	2	0	8	3	\$2,127	\$0	\$368	\$0	\$994	\$0	\$330	\$0	FY15	\$2,162	
Medium	3	MRSPP-2	0 MRSPP-8	0 RA-C	16	0	0	0	12	3	\$55,273	\$0	\$0	\$0	\$2,542	\$0	\$7,382	\$0	FY16	\$1,173	\$
Low	2	MRSPP-3	0 Evaluation Pending	4 RA-O	0	0	3	0	7	0	\$3,956	\$0	\$215	\$0	\$72	\$0	\$454	\$0	FY11-Comp.	IRP	\$3
Not Evaluated	7	MRSPP-4	0 No Known/Suspected	0 LTM	5	0	3	0	3	0	\$1,673	\$0	\$168	\$0	\$70	\$0	\$131	\$0	FY11-Comp.	MMRP	\$
Not Required	4	MRSPP-5	0 No Longer Required	2						Total	\$118,226	\$1,248	\$2,573	\$787	\$4,399	\$1,139	\$9,209	\$1,345	FY11-Comple	ete	\$4
Total IRP Sites	83	MRSPP-6	0 Total MRSs	6																	
		Total Number of II	RP Installations with Sites	12																	
	T	otal Number of MMI	RP Installations with Sites	4																	
BRAC I	ıstal	lations																			
			1 16' (1	Study	27	0	3	0	0	0	\$34,428	\$0	\$1,049	\$0	\$579	\$0	\$0	¢r	FY13	\$451	
Response Complete		Sites and MRSs by C Response Complete	assification	IRA	0	0	0	0	- 0	0	\$1,566	\$0	\$1,049	\$0	\$0		\$0		FY14	\$461	
High		MRSPP-1	0 MRSPP-7	0 Design		0	0	0	1	0	\$1,199	\$0	\$0	\$0	\$0		\$558		FY15	\$305	
Medium		MRSPP-2	0 MRSPP-8	0 RA-C	13	0	0	0	1	0	\$4,966	\$0	\$0	\$0	\$0		\$743		FY16	\$310	
Low		MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	2	0	1	0	\$2,019	\$0	\$1,303	\$0	\$0		\$0		FY11-Comp.	IRP	\$1
Not Evaluated	1	MRSPP-4	0 No Known/Suspected	0 LTM	2	0	3	0	0	0	\$10,776	\$0	\$1,258	\$0	\$622	\$0	\$1,221		FY11-Comp.		
Not Required	5	MRSPP-5	0 No Longer Required	0						Total	\$54,954	\$0	\$3,610	\$0	\$1,201	\$0	\$2,522		FY11-Comple		\$1
Total IRP Sites	30	MRSPP-6	0 Total MRSs	0							I										
<u>'</u>		Total Number of II	tP Installations with Sites	4																	
	Т	otal Number of MMI	RP Installations with Sites	0																	
T1	. T.	. I.D. C																			
Formeri	y US	ed Defense Site	es		1						ı										
	IRP	Sites and MRSs by C	lassification	Study	55	10	8	9	1	0	\$19,839	\$1,836	\$1,091	\$380	\$2,254	\$94	\$2,177		FY13	\$3,825	<u> </u>
Response Complete	49	Response Complete	10	IRA	4(4)	1(1)	0	0			\$53	\$337	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,082	
High	7	MRSPP-1	0 MRSPP-7	0 Design	39	0	4	0	6	9	\$2,535	\$0	\$22	\$0	\$1	\$0	\$189		FY15	\$3,822	
Medium	1	MRSPP-2	0 MRSPP-8	0 RA-C	34	0	4	0	7	9	\$19,505	\$0	\$600	\$0	\$49		\$40		FY16	\$2,707	
Low	1	MRSPP-3	0 Evaluation Pending	8 RA-O	1	0	0	0	4	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$4
Not Evaluated	2	MRSPP-4	0 No Known/Suspected	1 LTM	6	0	4	0	6	6	\$2,825	\$0	\$342	\$0	\$578	\$0	\$423		FY11-Comp.		\$2
Not Required	4	MRSPP-5	0 No Longer Required	9						Total	\$44,757	\$2,173	\$2,055	\$380	\$2,882	\$94	\$2,829	\$0	FY11-Comple	ete	\$76
Total IRP Sites	64	MRSPP-6	1 Total MRSs	19																	

radie E-5 Sta	atus	of State IRP/	MMRP Summary	as of So	ptemb	CI 00, 1	-010													on Program
					Com	pleted	Und	erway	Fu	ture	Costs Th		FY10 I Obligated		FY11 Ex Planned		FY12 Pl Estimate		Estimated Costs	: (\$000)
				Phase	IRP	MMRP		MMRP	IRP	MMRP	1110(	φ000)	Obligated	1 (φυσυ)	1 lainteu	(φυσυ)	Estimate	ε (φυσυ)	Estimated Costs	, (φυσυ)
							Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMRP
South Car	rolir	ıa																		
Active In	nstal	lations																		
	IRP	Sites and MRSs by C	lassification	Stud	333	10	36	24	50	0	\$72,493	\$10,508	\$2,503	\$1,940	\$3,320	\$2,153	\$1,541	\$597	FY13 \$11,873	\$3,7
Response Complete		Response Complete	8	IRA	59(72)	0	2(2)	0			\$24,519	\$0	\$0	\$0	\$610	\$0	\$661	\$0	FY14 \$11,158	S
High	3	MRSPP-1	0 MRSPP-7	0 Desig	n 20	0	0	0	2	6	\$19,282	\$0	\$1,224	\$0	\$95	\$0	\$117	\$59	FY15 \$8,437	\$
Medium	15	MRSPP-2	0 MRSPP-8	0 RA-0	_	0	5	1	5	16	\$53,828	\$0	\$532	\$0	\$3,569	\$0	\$154	\$157	FY16 \$18,847	\$
Low	19	MRSPP-3	2 Evaluation Pending	21 <b>RA-</b> (	22	0	15	0	8	1	\$35,228	\$0	\$2,016	\$0	\$6,232	\$0	\$3,303	\$0	FY11-Comp. IRP	\$118,
Not Evaluated	52	MRSPP-4	0 No Known/Suspected	0 LTM	[ 11	0	57	0	37	20	\$16,571	\$0	\$2,830	\$0	\$1,175	\$0	\$1,543	\$0	FY11-Comp. MMRP	\$12,
Not Required	44	MRSPP-5	3 No Longer Required	8			•			Total	\$221,921	\$10,508	\$9,105	\$1,940	\$15,001	\$2,153	\$7,319	\$813	FY11-Complete	\$130,
Total IRP Sites	419	MRSPP-6	0 Total MRSs	34										•		•				
		Total Number of IF	P Installations with Sites	26																
	7	Total Number of MMF	tP Installations with Sites	7																
PRACI	[41	11 - 4*																		
BRAC I	ınsta	liations			-								-		-				T	
	IRP	Sites and MRSs by C	assification	Stud	315	3	2	0	0	0	\$29,682	\$0	\$1,416	\$0	\$0	\$0	\$53	\$0	FY13 \$16	
Response Complete	204	Response Complete	3	IRA	68(86)	0	0	0			\$19,615	\$0	\$225	\$0	\$0	\$0	\$0	\$0	FY14 \$16	
High	1	MRSPP-1	0 MRSPP-7	0 Desig	n 37	0	0	0	1	0	\$2,134	\$0	\$0	\$0	\$0	\$0	\$24	\$0	FY15 \$1,746	
Medium	0	MRSPP-2	0 MRSPP-8	0 RA-0		0	0	0	2	0	\$22,625	\$0	\$0	\$0	\$0	\$0	\$74		FY16 \$1,227	
Low	1	MRSPP-3	0 Evaluation Pending	1 <b>RA-0</b>	12	1	10	0	2	0	\$24,559	\$394	\$6,737	\$0	\$106	\$0	\$110		FY11-Comp. IRP	\$5,
Not Evaluated	1	MRSPP-4	0 No Known/Suspected	0 LTM	7	1	6	0	6	0	\$2,076	\$0	\$446	\$0	\$0	\$0	\$0		FY11-Comp. MMRP	
Not Required	110	MRSPP-5	0 No Longer Required	1						Total	\$100,691	\$394	\$8,824	\$0	\$106	\$0	\$261	\$0	FY11-Complete	\$5,
Total IRP Sites	317	MRSPP-6	1 Total MRSs	3																
		Total Number of IF	tP Installations with Sites	6																
	1	Total Number of MMF	tP Installations with Sites	2																
Formerl		ed Defense Site	es																	
	ly Us	ea z erense sitt									010.105	\$6,956	\$416	\$69	\$537	\$1,298	\$397	\$1.207	FY13 \$2,708	
	-	Sites and MRSs by C	lassification	Stud	y 21	10	2	18	5	0	\$13,137	\$6,956	\$416	309	9331	\$1,270	400.	ψ1,20 <i>1</i>	1113	\$
Response Complete	IRP		assification	Stud: IRA	2(2)	10 2(2)	0	0	5	0	\$13,137	\$5,307	\$416	\$0	\$0	\$0	\$0		FY14 \$3,654	
	IRP	Sites and MRSs by C	lassification  10  0 MRSPP-7	_	2(2)				4	15								\$0		\$
High	IRP	P Sites and MRSs by C Response Complete	10	IRA	2(2) n 9	2(2)	0	0			\$2,681	\$5,307	\$0		\$0	\$0	\$0	\$0 \$0	FY14 \$3,654	\$1,
High	IRP	Response Complete MRSPP-1	10 0 MRSPP-7	IRA  0 Desig	2(2) n 9	2(2)	0 2	0 3	4	15	\$2,681 \$1,422	\$5,307 \$145	\$0 \$508	\$0 \$0	\$0 \$623	\$0 \$0	\$0 \$823	\$0 \$0 \$0	FY14 \$3,654 FY15 \$3,761	\$1,4 \$1,4
High Medium Low	IRP	Response Complete MRSPP-1 MRSPP-2	10 0 MRSPP-7 0 MRSPP-8	IRA  0 Desig  0 RA-0	2(2) n 9 C 15 0	2(2)	0 2 4	0 3 2	4 5	15	\$2,681 \$1,422 \$11,698	\$5,307 \$145 \$10,952	\$0 \$508 \$259	\$0 \$0 \$1,479	\$0 \$623 \$1,088	\$0 \$0 \$0	\$0 \$823 \$692	\$0 \$0 \$0	FY14 \$3,654 FY15 \$3,761 FY16 \$5,720	\$1,4 \$1,0 \$48,4
Response Complete High Medium Low Not Evaluated Not Required	IRP	Response Complete MRSPP-1 MRSPP-2 MRSPP-3	0 MRSPP-7 MRSPP-8 Evaluation Pending	IRA  0 Desig  0 RA-0  7 RA-0	2(2) n 9 C 15 0	2(2) 0 1	0 2 4 0	0 3 2 0	4 5 2	15 16 0	\$2,681 \$1,422 \$11,698 \$0	\$5,307 \$145 \$10,952 \$0	\$0 \$508 \$259 \$0	\$0 \$0 \$1,479 \$0	\$0 \$623 \$1,088 \$0	\$0 \$0 \$0 \$0	\$0 \$823 \$692 \$0	\$0 \$0 \$0 \$0 \$0	FY14 \$3,654 FY15 \$3,761 FY16 \$5,720 FY11-Comp. IRP	\$9 \$8 \$1,4 \$1,0 \$48,4 \$157,3 \$205,8

							Com	pleted	Und	lerway	Fu	ture	Costs Tl		FY10		FY11 Ex		FY12 P		Estimat	ed Costs	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY10 (	\$000)	Obligate	d (\$000)	Planned	(\$000)	Estimat	e (\$000)	Estimat	ea Costs	(\$000)
						li			Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
South Dak	ota																						
Active In																							,
	IRP	Sites and MRSs by Cl	assifi	cation		Study	50	2	0	16	15	0	\$26,872	\$610	\$6,318	\$610	\$0	\$1,492	\$0	\$656	FY13	\$876	\$6,611
Response Complete	47	Response Complete	2			IRA	9(9)	0	1(1)	0			\$10,977	\$0	\$1,734	\$0	\$0	\$0	\$0	\$0	FY14	\$1,998	\$54
High	0	MRSPP-1	0	MRSPP-7	0	Design	18	0	0	0	0	12	\$3,478	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$728	\$1,478
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	20	0	0	0	0	12	\$25,113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,160	\$3,329
Low	0	MRSPP-3	0	Evaluation Pending	16	RA-O	6	0	2	0	0	0	\$29,338	\$0	\$502	\$0	\$468	\$0	\$985	\$0	FY11-Comp.	IRP	\$21,753
Not Evaluated	15	MRSPP-4	0	No Known/Suspected	0	LTM	7	0	10	0	3	8	\$3,549	\$0	\$0	\$0	\$350	\$0	\$67	\$0	FY11-Comp.	MMRP	\$16,210
Not Required	2	MRSPP-5	0	No Longer Required	2							Total	\$99,327	\$610	\$8,554	\$610	\$818	\$1,492	\$1,052	\$656	FY11-Comple	ete	\$37,963
Total IRP Sites	65	MRSPP-6	0	Total MRSs	18																		
		Total Number of IR	P Ins	tallations with Sites	5																		
	T	otal Number of MMR	P Ins	tallations with Sites	3																		
Formerly	y Use	ed Defense Site	es																				
	IRP	Sites and MRSs by Cl	assifi	cation		Study	23	10	1	19	0	0	\$23,014	\$15,869	\$41	\$3,568	\$80	\$0	\$406	\$0	FY13	\$4,813	\$0
Response Complete	23	Response Complete	5			IRA	1(1)	2(2)	0	0			\$654	\$373	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$500	\$0
High	1	MRSPP-1	0	MRSPP-7	1	Design	16	0	0	0	1	22	\$376	\$0	\$0	\$0	\$0	\$0	\$121	\$0	FY15	\$500	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	12	1	1	1	0	21	\$7,667	\$24,576	\$0	\$2,915	\$0	\$0	\$0	\$0	FY16	\$7,000	\$13
Low	0	MRSPP-3	0	Evaluation Pending	23	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$26,486
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	2	LTM	6	3	1	1	0	17	\$298	\$9	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$133,042
Not Required	0	MRSPP-5	0	No Longer Required	3							Total	\$32,009	\$40,827	\$41	\$6,483	\$80	\$0	\$527	\$0	FY11-Comple	ete	\$159,528
Total IRP Sites	24	MRSPP-6	0	Total MRSs	29																		
		Total Number of IR	P Ins	tallations with Sites	18																		

Table E-5 Sta	tus	of State IRI /	WINIKE Sullillary	as o	LOCK	tembe	1 50, 2	7010													<b>c</b> oror <b>u</b> cro	ni i iogiani
						Comp	leted		erway		ture	Costs Tl FY10 (		FY10 l Obligated		FY11 Ex Planned		FY12 Pl Estimate		Estimate	ed Costs	(\$000)
				F	Phase	IRP	MMRP		MMRP	IRP	MMRP	·	, ,				. ,		. ,			. ,
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<b>Tennessee</b>																						
Active In	stal	lations																				
	IRP	Sites and MRSs by C	lassification	S	Study	234	20	5	13	12	1	\$140,667	\$9,585	\$560	\$7,741	\$0	\$2,670	\$404	\$2,442	FY13	\$11,865	\$7,6
Response Complete	213	Response Complete	9		IRA	56(85)	1(1)	3(3)	3(3)			\$72,491	\$4,876	\$156	\$1,353	\$0	\$222	\$0	\$1,978	FY14	\$16,739	\$4
High	5	MRSPP-1	0 MRSPP-7	0 <b>D</b>	Oesign	33	2	2	2	1	14	\$16,682	\$0	\$0	\$0	\$825	\$0	\$0	\$0	FY15	\$4,758	\$
Medium	3	MRSPP-2	0 MRSPP-8	1	RA-C	46	0	6	1	2	10	\$117,615	\$0	\$948	\$0	\$3,821	\$0	\$5,204	\$5,717	FY16	\$4,137	\$1,
Low	1	MRSPP-3	0 Evaluation Pending	22 <b>I</b>	RA-O	15	0	14	0	8	2	\$63,190	\$1,230	\$5,707	\$1,230	\$8,519	\$0	\$5,610	\$84	FY11-Comp.	IRP	\$119,
Not Evaluated	12	MRSPP-4	1 No Known/Suspected	0 ]	LTM	8	0	20	0	17	8	\$4,012	\$0	\$639	\$0	\$434	\$0	\$503	\$0	FY11-Comp.	MMRP	\$35,
Not Required	17	MRSPP-5	0 No Longer Required	9							Total	\$414,657	\$15,691	\$8,010	\$10,324	\$13,599	\$2,892	\$11,721	\$10,221	FY11-Comple	ete	\$155,
Total IRP Sites	251	MRSPP-6	1 Total MRSs	34																		
		Total Number of II	RP Installations with Sites	22																		
	Т	otal Number of MMI	RP Installations with Sites	8																		
BRAC In	ıstal	lations																				
2101011		Sites and MRSs by C	lassification	5	Study	153	2	0	0	0	0	\$9,261	\$243	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$15	
Response Complete		Response Complete	0		IRA	21(25)	0	0	0			\$7,448	\$0	\$0	\$0	\$0		\$0		FY14	\$15	
High		MRSPP-1	0 MRSPP-7		Design	11	0	0	0	0	0	\$12,373	\$0	\$0	\$0	\$0		\$0		FY15	\$18	
Medium		MRSPP-2	0 MRSPP-8		RA-C	12	0	0	0	0	0	\$17,989	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$18	
Low		MRSPP-3	0 Evaluation Pending		RA-O	2	0	7	0	0	0	\$11,405	\$0	\$1,330	\$0	\$16		\$588		FY11-Comp.	IRP	\$1,
Not Evaluated		MRSPP-4	0 No Known/Suspected		LTM	2	0	7	0	6	0	\$676	\$0	\$378	\$0	\$0		\$0		FY11-Comp.		
Not Required	7	MRSPP-5	0 No Longer Required	0							Total	\$59,152	\$243	\$1,708	\$0	\$16	\$0	\$588		FY11-Comple		\$1,
Total IRP Sites	153	MRSPP-6	0 Total MRSs	2										J								
		Total Number of II	RP Installations with Sites	2																		
	Т	otal Number of MMF	RP Installations with Sites	1																		
4		15.0 (1)																				
Formerly	US	ed Defense Site	es																			
	IRP	Sites and MRSs by C	lassification	S	Study	10	9	1	7	0	0	\$3,018	\$5,532	\$504	\$578	\$98	\$1,276	\$626	\$15	FY13	\$432	\$2,
Response Complete	10	Response Complete	7		IRA	2(2)	1(1)	0	0			\$49	\$46	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$54	\$4,
High	1	MRSPP-1	0 MRSPP-7	0 <b>D</b>	Oesign	6	1	1	1	0	6	\$360	\$100	\$21	\$0	\$0	\$71	\$0	\$34	FY15	\$478	\$1,
Medium	0	MRSPP-2	0 MRSPP-8	0 1	RA-C	8	1	0	2	1	6	\$1,813	\$7,148	\$0	\$0	\$0	\$0	\$0	\$733	FY16	\$0	
Low	0	MRSPP-3	1 Evaluation Pending	8 I	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$3,
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	1 ]	LTM	7	3	0	1	1	5	\$78	\$21	\$1	\$1	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$84,2
Not Required	0	MRSPP-5	0 No Longer Required	6							Total	\$5,318	\$12,847	\$526	\$579	\$98	\$1,347	\$626	\$782	FY11-Comple	ete	\$87,5
Total IRP Sites	11	MRSPP-6	0 Total MRSs	16												·						

Table E-5 Sta	itus	of State IKI /	WINIKE Sullillar	y as	or scj	JUIID	1 50, 2	2010												vironinentai Restoi	or rogram
						Comp	pleted		erway	Fu	iture	Costs Tl FY10 (		FY10 l Obligated		FY11 Ex Planned		FY12 Pl Estimate		Estimated Co	sts (\$000)
					Phase	IRP	MMRP		MMRP	IRP	MMRP		, ,				. ,				,
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMRP
<u>Texas</u>																					
Active In	nstal	lations																			
	IRP	Sites and MRSs by C	lassification		Study	963	54	4	49	35	0	\$201,185	\$24,398	\$934	\$6,019	\$157	\$7,281	\$2,876	\$4,256	FY13 \$18,	912 \$15,
Response Complete	898	Response Complete	45		IRA	60(79)	4(6)	4(5)	1(1)			\$71,520	\$1,087	\$0	\$576	\$827	\$0	\$0	\$0	FY14 \$5,	\$12 \$16,
ligh	7	MRSPP-1	0 MRSPP-7	0	Design	96	0	8	0	2	20	\$25,761	\$0	\$0	\$0	\$152	\$0	\$0	\$416	FY15 \$27,	947 \$38
Medium	4	MRSPP-2	0 MRSPP-8	2	RA-C	160	1	11	0	4	34	\$159,048	\$0	\$661	\$0	\$595	\$0	\$6,796	\$0	FY16 \$19,	581 \$51
Low	3	MRSPP-3	4 Evaluation Pending	44	RA-O	16	0	49	0	6	0	\$70,515	\$0	\$7,515	\$0	\$10,193	\$0	\$12,192	\$0	FY11-Comp. IRP	\$204
Not Evaluated	39	MRSPP-4	6 No Known/Suspected	2	LTM	53	0	16	0	44	31	\$29,797	\$0	\$1,360	\$0	\$768	\$0	\$748	\$74	FY11-Comp. MMI	<b>RP</b> \$147
Not Required	51	MRSPP-5	0 No Longer Required	45							Total	\$557,826	\$25,485	\$10,470	\$6,595	\$12,692	\$7,281	\$22,612	\$4,740	FY11-Complete	\$352
Γotal IRP Sites	1,002	MRSPP-6	0 Total MRSs	103																	
		Total Number of II	RP Installations with Sites	83																	
	Т	Total Number of MMI	RP Installations with Sites	14																	
BRAC I	nstal	llations																			
2227072		Sites and MRSs by C	Jassification		Study	204	16	1	3	0	0	\$75,185	\$478	\$0	\$0	\$0	\$0	\$0	SO	FY13 \$2,	549
Response Complete		Response Complete	16		IRA	67(78)	0	0	0			\$96,566	\$0	\$0	\$0	\$0		\$0		FY14 \$2,	
High		MRSPP-1	0 MRSPP-7	0	Design	29	0	0	0	1	3	\$22,347	\$0	\$0	\$0	\$11		\$0		FY15 \$6,	
Medium	0	MRSPP-2	0 MRSPP-8	0	RA-C	46	5	0	0	1	3	\$147,161	\$0	\$0	\$0	\$100	\$1,997	\$0		FY16 \$6,	
Low	1	MRSPP-3	2 Evaluation Pending	2	RA-O	8	0	25	0	0	0	\$139,523	\$0	\$6,799	\$0	\$23,860	\$0	\$4,596		FY11-Comp. IRP	\$74
Not Evaluated		MRSPP-4	No Known/Suspected	1	LTM	9	0	58	1	19	2	\$14,894	\$0	\$1,504	\$0	\$327	\$0	\$364		FY11-Comp. MMI	
Not Required	25	MRSPP-5	0 No Longer Required	14	221.12	-					Total	\$495,676	\$478	\$8,303	\$0	\$24,298	\$2,251	\$4,960		FY11-Complete	\$78
Total IRP Sites		MRSPP-6	0 Total MRSs	19	Ī									. ,			. ,			1 1 1	
		Total Number of II	RP Installations with Sites	9																	
	Т	Total Number of MMI	RP Installations with Sites	7																	
	<b>T</b> T.	. 1 D . C C'4																			
Formeri	y Us	ed Defense Site	es		1							1									
		Sites and MRSs by C			Study	150	32	17	130	3	1	\$42,515	\$41,139	\$628	\$6,189	\$1,544	\$7,618	\$1,033		FY13 \$1,	
Response Complete	138	Response Complete	29		IRA	5(5)	9(9)	0	0			\$3,473	\$2,552	\$0	\$1,725	\$0	\$0	\$0	\$0	FY14 \$3,	91 \$5
High	7	MRSPP-1	0 MRSPP-7	11	Design	104	0	2	3	15	117	\$5,090	\$175	\$22	\$0	\$127	\$78	\$130		FY15 \$3,	
Medium	8	MRSPP-2	2 MRSPP-8	0	RA-C	105	0	9	6	17	115	\$37,940	\$33,538	\$360	\$274	\$1,065	\$0	\$810		FY16 \$2,	
Low	6	MRSPP-3	1 Evaluation Pending	107	10.7 0	0	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. IRP	\$41
Not Evaluated	2	MRSPP-4	1 No Known/Suspected	1	LTM	39	4	1	1	33	99	\$470	\$8	\$27	\$5	\$13	\$0	\$0		FY11-Comp. MMI	
Not Required	9	MRSPP-5	10 No Longer Required	28							Total	\$89,488	\$77,412	\$1,037	\$8,193	\$2,749	\$7,696	\$1,973	\$5,667	FY11-Complete	\$728,
Total IRP Sites	170	MRSPP-6	2 Total MRSs	163	I																

rabie E-5 Sta	ius oi Sta	ate IKP/I	MMRP Summary	as o	ı Sep	tembe	er su, 2	2010										Dei	ense en	/ironmental R	estorano	ni Progran
						Comp	oleted	Und	erway	Fu	ture	Costs T		FY10 l Obligate		FY11 Ex Planne		FY12 P Estimat		Estimat	ed Costs	(\$000)
				I	Phase	IRP	MMRP		MMRP	IRP	<b>MMRP</b>	1110	(ψ000)	Obligate	α (φοσο)	1 lanne	Ι (φοσο)	Estimat				(4000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Utah																						
Active In	stallation	s																				
	IRP Sites and	d MRSs by Cla	assification	5	Study	580	12	12	54	13	0	\$222,563	\$15,103	\$897	\$3,173	\$3,085	\$7,167	\$0	\$2,482	FY13	\$24,507	\$15,
Response Complete	546 Respons	se Complete	7		IRA	142(218)	0	10(15)	4(4)			\$101,944	\$6,813	\$1,771	\$0	\$1,937	\$0	\$3,060	\$0	FY14	\$18,381	\$36,
High	1 MRSPP	-1	0 MRSPP-7	0	Design	105	0	1	0	13	23	\$38,406	\$0	\$0	\$0	\$391	\$100	\$164	\$3,466	FY15	\$21,238	\$8
Medium	8 MRSPP	-2	0 MRSPP-8	0	RA-C	137	0	12	0	13	34	\$151,485	\$0	\$0	\$0	\$11,966	\$0	\$11,707	\$3,329	FY16	\$16,579	\$16
Low	11 MRSPP	-3	6 Evaluation Pending	46	RA-O	26	0	15	0	10	0	\$85,124	\$0	\$15,623	\$0	\$7,515	\$0	\$14,304	\$0	FY11-Comp.	IRP	\$429
Not Evaluated	20 MRSPP	-4	2 No Known/Suspected	0	LTM	36	0	64	0	44	14	\$22,734	\$0	\$391	\$0	\$1,161	\$0	\$1,687	\$0	FY11-Comp.	MMRP	\$128
Not Required	19 MRSPP	-5	3 No Longer Required	7							Total	\$622,256	\$21,916	\$18,682	\$3,173	\$26,055	\$7,267	\$30,922	\$9,277	FY11-Comple	ete	\$557
Total IRP Sites	605 MRSPP	-6	2 Total MRSs	66																		
	Total 1	Number of IR	P Installations with Sites	15																		
	Total Nun	nber of MMR	P Installations with Sites	7																		
RDAC I	nstallation	c																				-
DRAC II	istanation	.5						1				1										
		d MRSs by Cla	assification		Study	46	0	1	2	0	0	\$48,024	\$36	\$0		\$233	\$0	\$0		FY13	\$3,143	\$22
Response Complete	_	se Complete	0		IRA	4(4)	0	1(1)	0			\$572	\$28	\$0	\$28	\$2,000	\$10,496	\$904		FY14	\$2,392	\$13,
High	2 MRSPP		0 MRSPP-7		Design	15	0	0	0	0	0	\$6,553	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$1,500	\$16
Medium	0 MRSPP		0 MRSPP-8		RA-C	23	0	1	0	1	2	\$34,708	\$0	\$0	\$0	\$44	\$0	\$1,994		FY16	\$3,295	\$27.
Low	0 MRSPP		2 Evaluation Pending		RA-O	2	0	2	0	1	0	\$15,035	\$0	\$1,846	\$0	\$2,597	\$0	\$1,017		FY11-Comp.		\$19
Not Evaluated	0 MRSPP		0 No Known/Suspected	0	LTM	2	0	12	0	1	2	\$839	\$0	\$0	\$0	\$0		\$44		FY11-Comp.		\$104
Not Required	2 MRSPP		0 No Longer Required	0							Total	\$105,731	\$64	\$1,846	\$28	\$4,874	\$10,496	\$3,959	\$14,322	FY11-Comple	ete	\$124,
Total IRP Sites	47 MRSPP		0 Total MRSs	2																		
	Total 1	Number of IR	P Installations with Sites	4																		
	Total Nun	nber of MMR	P Installations with Sites	1																		
Formerly	y Used De	fense Site	s																			
	IRP Sites and	d MRSs by Cla	assification	5	Study	10	13	3	1	3	0	\$8,907	\$7,786	\$252	\$459	\$413	\$0	\$0	\$395	FY13	\$675	5
Response Complete	6 Respons	se Complete	13		IRA	0	1(1)	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$87	
High	0 MRSPP	-1	0 MRSPP-7	0	Design	2	0	4	0	2	1	\$631	\$0	\$156	\$0	\$156	\$0	\$36	\$0	FY15	\$86	
Medium	0 MRSPP	-2	0 MRSPP-8		RA-C	1	4	4	0	4	1	\$1,145	\$2,146	\$810	\$236	\$420	\$0	\$1,162	\$0	FY16	\$86	
Low	1 MRSPP	-3	0 Evaluation Pending	1	RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$10
Not Evaluated	5 MRSPP	-4	0 No Known/Suspected		LTM	0	5	0	0	2	4	\$0	\$98	\$0	\$1	\$0	\$0	\$0		FY11-Comp.		\$18
+		-																â4 400	0000	EVALC I		\$29,
Not Required	4 MRSPP	-5	0 No Longer Required	12							Total	\$10,683	\$10,030	\$1,218	\$696	\$989	\$0	\$1,198	\$395	FY11-Comple	ete	7-2,

							Com	pleted	Und	lerway	Fu	ture	Costs Tl		FY10			xecution	FY12 P		E-4:	4- 1 C4-	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY10 (	\$000)	Obligate	d (\$000)	Planne	1 (\$000)	Estimat	e (\$000)	Estima	ted Costs	(\$000)
						li			Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Vermont																							
Active In	stall	ations																					
<u> </u>	IRP S	Sites and MRSs by Cl	assific	cation		Study	36	3	0	15	2	0	\$6,387	\$758	\$0	\$758	\$0	\$516	\$118	\$0	FY13	\$0	\$
Response Complete	31	Response Complete	3			IRA	1(1)	0	0	0			\$9,407	\$0	\$840	\$0	\$0	\$0	\$0	\$0	FY14	\$1,624	\$1,91
High	1	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	5	4	\$350	\$0	\$0	\$0	\$10,096	\$0	\$0	\$0	FY15	\$1,212	\$
Medium	4	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	0	0	5	4	\$323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,232	\$
Low	0	MRSPP-3	0	Evaluation Pending	15	RA-O	0	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$23,70
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	5	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$4,16
Not Required	0	MRSPP-5	0	No Longer Required	3							Total	\$16,467	\$758	\$840	\$758	\$10,096	\$516	\$118	\$0	FY11-Compl	lete	\$27,863
Total IRP Sites	38	MRSPP-6	0	Total MRSs	18																		
		Total Number of IR	P Ins	tallations with Sites	6																		
	To	otal Number of MMR	P Ins	tallations with Sites	2																		
Formerly	y Use	d Defense Site	es																				
	IRP S	Sites and MRSs by Cl	assific	cation		Study	6	2	2	0	0	0	\$2,049	\$75	\$190	\$0	\$582	\$0	\$58	\$0	FY13	\$22	\$(
Response Complete	5	Response Complete	2			IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$50	\$(
High	2	MRSPP-1	0	MRSPP-7	0	Design	7	0	0	0	0	0	\$420	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$50	\$(
Medium	0	MRSPP-2	0	MRSPP-8		RA-C	4	0	2	0	0	0	\$694	\$0	\$0	\$0	\$0	\$0	\$400	\$0	FY16	\$50	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$1,543
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	2	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$0
Not Required	0	MRSPP-5	0	No Longer Required	2							Total	\$3,163	\$75	\$190	\$0	\$582	\$0	\$458	\$0	FY11-Compl	lete	\$1,543
Total IRP Sites	8	MRSPP-6	0	Total MRSs	2																		
		Total Number of IR	P Ins	tallations with Sites	4																		

							Com	pleted	Und	lerway	Fu	ture	Costs Tl			Funds	FY11 E		FY12 P		Eatir	ad Cast-	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY10 (	\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estimat	e (\$000)	Estimat	ed Costs	(\$000)
						li			Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Virgin Isla	nds of the	e U.S																					
	stallations																						
	IRP Sites and M	IRSs by Cl	assific	ation		Study	0	0	0	1	5	0	\$0	\$95	\$0	\$95	\$0	\$331	\$425	\$0	FY13	\$0	:
Response Complete	0 Response C	Complete	0			IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,085	;
High	0 MRSPP-1		0	MRSPP-7	0	Design	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	;
Medium	0 MRSPP-2		0	MRSPP-8	0	RA-C	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	5
Low	0 MRSPP-3		0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$1,58
Not Evaluated	5 MRSPP-4		0	No Known/Suspected	0	LTM	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$33
Not Required	0 MRSPP-5		0	No Longer Required	0							Total	\$0	\$95	\$0	\$95	\$0	\$331	\$425	\$0	FY11-Comple	ete	\$1,91
Total IRP Sites	5 MRSPP-6		0	Total MRSs	1																		
	Total Nur	nber of IR	P Inst	allations with Sites	1																		
	Total Numbe	er of MMR	P Inst	allations with Sites	1																		
Formerly	y Used Defer	nse Site	s																				
	IRP Sites and M	IRSs by Cl	assific	ation		Study	2	2	0	1	0	0	\$2,472	\$2,901	\$0	\$22	\$0	\$24	\$0	\$958	FY13	\$0	\$95
Response Complete	Response C	Complete	2			IRA	0	1(1)	0	0			\$187	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0 MRSPP-1		0	MRSPP-7	0	Design	1	0	0	0	0	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 MRSPP-2		0	MRSPP-8		RA-C	0	1	0	0	0	1	\$676	\$334	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$10
Low	0 MRSPP-3		0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$
Not Evaluated	0 MRSPP-4		0	No Known/Suspected	0	LTM	0	0	0	1	0	1	\$0	\$69	\$0	\$69	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$6,98
Not Required	1 MRSPP-5		0	No Longer Required	2							Total	\$3,335	\$3,304	\$0	\$91	\$0	\$24	\$0	\$958	FY11-Comple	ete	\$6,98
Total IRP Sites	2 MRSPP-6		0	Total MRSs	3								•	•		•	•			•		•	
	Total Nur	nber of IR	P Inst	allations with Sites	2																		

Table E-5 Sta	itus of State IKI	r/wwikP	Summary	as of 50	eptemb	er 30, 2	2010										De	Tense Env	nonnentai i	Nesiorani	on Program
						pleted		erway		ture	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	ited Costs	(\$000)
				Phase	IRP	MMRP	IRP Sites (A	MMRP	IRP	MMRP	IDD	MAMP	TDD	MADD	IDD	MARIN	TDD	MADD	E: 137	IDD	MAMPA
¥7.							Sites (A	(Ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Virginia																					
Active In	nstallations																				
	IRP Sites and MRSs by	Classification		Study	y 860	74	63	49	16	1	\$245,146	\$20,783	\$4,627	\$3,385	\$5,945	\$6,526	\$2,307	\$5,732	FY13	\$26,927	\$36,617
Response Complete	742 Response Complete	te 67		IRA	148(156)	0	6(7)	3(3)			\$103,396	\$7,626	\$3,507	\$405	\$3,868	\$0	\$64	\$0	FY14	\$23,786	\$18,03
High	35 MRSPP-1	0 MRSP	PP-7	4 Desig	n 157	0	11	4	10	31	\$44,686	\$0	\$351	\$0	\$2,627	\$0	\$1,514	\$509	FY15	\$20,357	\$5,16
Medium	10 MRSPP-2	0 MRSP	PP-8	0 RA-0	179	2	22	5	31	35	\$310,736	\$2,403	\$4,589	\$0	\$33,187	\$0	\$18,918	\$105	FY16	\$22,675	\$4,93
Low	12 MRSPP-3	1 Evalua	ation Pending	31 <b>RA-</b> 0	58	0	50	3	34	0	\$79,645	\$1,606	\$17,039	\$1,569	\$10,769	\$1,238	\$11,065	\$781	FY11-Comp	. IRP	\$424,95
Not Evaluated	44 MRSPP-4	6 No Kn	nown/Suspected	6 LTM	[ 44	0	62	1	36	18	\$48,680	\$1,117	\$3,599	\$1,117	\$4,558	\$73	\$4,040	\$70	FY11-Comp	. MMRP	\$397,71
Not Required	96 MRSPP-5	6 No Lo	nger Required	64						Total	\$832,289	\$33,535	\$33,712	\$6,476	\$60,954	\$7,837	\$37,908	\$7,197	FY11-Comp	lete	\$822,66
Total IRP Sites	939 MRSPP-6	6 Total	MRSs	124																	
	Total Number of	IRP Installation	ns with Sites	53																	
	Total Number of MI	MRP Installation	ns with Sites	17																	
BRAC II	nstallations																				
	IRP Sites and MRSs by	Clifi4i		Stud	7 119	1	9	16	0	0	\$24,381	\$1,351	\$0	\$334	\$254	\$0	\$0	0.2	FY13	\$927	\$10,525
Response Complete	116 Response Complete			IRA	6(6)	0	0	0		· ·	\$297	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$159	\$28,619
High	1 MRSPP-1	0 MRSP	PP_7	0 Desig		0	0	0	3	11	\$2,061	\$0	\$122	\$0	\$279	\$450	\$10		FY15	\$251	\$13,450
Medium	1 MRSPP-2	0 MRSP		1 RA-C	_	0	2	0	3	11	\$21,111	\$0	\$0	\$0	\$3,129	\$0	\$5,065		FY16	\$170	\$2,67
Low	9 MRSPP-3		ation Pending	1 RA-(	-	0	1	0	0	0	\$891	\$0	\$44	\$0	\$3,129	\$0	\$3,003		FY11-Comp		\$12,00
Not Evaluated	0 MRSPP-4		nown/Suspected	0 LTM		0	10	0	13	11	\$5,546	\$0	\$205	\$0	\$381	\$0	\$278		FY11-Comp		\$63,05
Not Required	1 MRSPP-5		nger Required	1						Total	\$54,287	\$1,351	\$371	\$334	\$4,420	\$450	\$5,389		FY11-Comp		\$75,05
Total IRP Sites	128 MRSPP-6	2 Total 1	• •	17								,	-								
	Total Number of	IRP Installation	ns with Sites	10																	
	Total Number of MN	MRP Installation	ns with Sites	2																	
	II 10 0 C																				
Formerly	y Used Defense Si	ites																			
	IRP Sites and MRSs by	Classification		Stud	y 38	7	12	12	6	1	\$35,140	\$8,777	\$3,951	\$2,576	\$1,134	\$1,619	\$1,018	\$107	FY13	\$3,795	\$1,37
Response Complete	35 Response Complete	te 5		IRA	4(4)	3(3)	0	0			\$2,953	\$3,573	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$4,920	\$1,76
High	9 MRSPP-1	0 MRSP	PP-7	0 Desig	n 26	0	2	0	13	12	\$975	\$0	\$0	\$0	\$427	\$80	\$357	\$51	FY15	\$5,963	\$1,94
Medium	2 MRSPP-2	1 MRSP	PP-8	0 RA-0	Z 27	2	1	2	17	12	\$9,619	\$17,677	\$237	\$32	\$0	\$10	\$1,437		FY16	\$6,915	\$2,050
Low	0 MRSPP-3	0 Evalua	ation Pending	14 <b>RA-</b> (	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$276	\$0	\$0		FY11-Comp		\$77,39
Not Evaluated	9 MRSPP-4	0 No Kn	nown/Suspected	0 LTM	[ 15	3	1	0	16	12	\$117	\$6	\$48	\$0	\$160	\$0	\$0	\$0	FY11-Comp	. MMRP	\$97,72
Not Required	1 MRSPP-5	0 No Lo	nger Required	5						Total	\$48,804	\$30,033	\$4,236	\$2,608	\$1,997	\$1,709	\$2,812	\$290	FY11-Comp	lete	\$175,118
Total IRP Sites	56 MRSPP-6	0 Total	MRSs	20																	

							Com	pleted	Un	derway	Fu	ture	Costs Th		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat		Fetime	ited Costs	(0002)
						Phase	IRP	<b>MMRP</b>	IRP	<b>MMRP</b>	IRP	MMRP	F 1 10 (	φυυυ)	Obligate	ս (ֆսսս)	riannec	1 (\$000)	Estimat	e (\$000)	Estilla	iteu Costs	,φ000)
									Sites (	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Wake Islan	nd																						
Active In		llations																					
	IRI	P Sites and MRSs by C	lassifi	cation		Study	48	0	4	1	30	0	\$17,984	\$779	\$1,153	\$779	\$0	\$289	\$0	\$542	FY13	\$2,365	\$571
Response Complete	44	Response Complete	(			IRA	15(18)	0	0	0			\$21,499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	(	MRSPP-7	0	Design	1	0	0	0	1	0	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	6	MRSPP-2	(	MRSPP-8	0	RA-C	0	0	0	0	2	1	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$12,300	\$0
Low	0	MRSPP-3	(	Evaluation Pending	1	RA-O	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$17,965
Not Evaluated	30	MRSPP-4	(	No Known/Suspected	0	LTM	0	0	2	0	3	1	\$858	\$0	\$350	\$0	\$189	\$0	\$3,111	\$0	FY11-Comp	. MMRP	\$1,475
Not Required	2	MRSPP-5	(	No Longer Required	0							Total	\$40,401	\$779	\$1,503	\$779	\$189	\$289	\$3,111	\$542	FY11-Comp	lete	\$19,440
Total IRP Sites	82	MRSPP-6	C	Total MRSs	1																		
		Total Number of II	RP Ins	tallations with Sites	1																		
		Total Number of MMI	RP Ins	tallations with Sites	1																		

Table E-5 Sta	itus of State IRP	/MMRP Summary a	as of Se	<u>ptemb</u>	er 30, 2	2010										De	tense Env	vironmental Re	estoratio	n Program
					pleted	Und	lerway	Fu	iture	Costs T		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat		Estimate	ed Costs	(\$000)
			Phase	IRP	MMRP		MMRP	IRP	MMRP	1										
***						Sites (F	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IKP	MMRP
<b>Washingto</b>	n																			
Active In	stallations																			
	IRP Sites and MRSs by	Classification	Study	539	39	12	18	28	0	\$170,100	\$29,928	\$1,638	\$1,098	\$0	\$1,249	\$1,124	\$1,288	FY13	\$13,150	\$9,5
Response Complete	493 Response Complete	28	IRA	122(151)	3(3)	0	3(3)			\$36,088	\$2,354	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$23,044	\$5,
High	6 MRSPP-1	0 MRSPP-7	0 Design	85	1	2	3	3	8	\$23,498	\$53	\$0	\$53	\$0	\$282	\$0	\$439	FY15	\$11,705	\$4,
Medium	2 MRSPP-2	1 MRSPP-8	1 RA-C	179	0	8	7	7	15	\$281,542	\$2,712	\$3,011	\$1,154	\$3,346	\$10,040	\$1,415	\$7,746	FY16	\$12,593	\$2
Low	4 MRSPP-3	2 Evaluation Pending	18 <b>RA-O</b>	18	0	41	1	6	4	\$94,431	\$2,214	\$7,618	\$2,214	\$8,267	\$0	\$8,103	\$0	FY11-Comp.	IRP	\$219,
Not Evaluated	32 MRSPP-4	3 No Known/Suspected	0 LTM	47	1	20	1	9	8	\$13,165	\$0	\$204	\$0	\$460	\$0	\$225	\$0	FY11-Comp.	MMRP	\$66,
Not Required	42 MRSPP-5	2 No Longer Required	28						Total	\$618,824	\$37,261	\$12,471	\$4,519	\$12,073	\$11,571	\$10,867	\$9,473	FY11-Comple	ete	\$286
Γotal IRP Sites	579 MRSPP-6	2 Total MRSs	57																	
	Total Number of I	RP Installations with Sites	50																	
	Total Number of MM	RP Installations with Sites	12																	
BRAC Ir	nstallations																			
DRAC II			1	ı						ı								I		
	IRP Sites and MRSs by		Study	34	13	0	2	0	0	\$3,242	\$267	\$0		\$0		\$0		FY13	\$0	
Response Complete	33 Response Complete		IRA	0	1(1)	0	0			\$0	\$6,103	\$0	\$0	\$0		\$0		FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Design	1	0	0	0	0	2	\$1,640	\$805	\$0	\$0	\$0		\$0		FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C		6	1	1	0	2	\$8,075	\$34,198	\$1,585	\$5,000	\$0	\$3,267	\$0		FY16	\$0	\$7.
Low	0 MRSPP-3	0 Evaluation Pending	3 RA-O		0	0	0	0	0	\$0	\$0	\$0	\$0	\$0		\$0		FY11-Comp.		\$4.
Not Evaluated	1 MRSPP-4 0 MRSPP-5	0 No Known/Suspected	0 LTM	0	0	0	0	0	Total	\$10 <b>\$12,967</b>	\$0 \$41,373	\$0 \$1,585	\$0 \$5,214	\$0 <b>\$0</b>		\$0 <b>\$0</b>		FY11-Comp.		\$12
Not Required Total IRP Sites	34 MRSPP-6	0 No Longer Required 0 Total MRSs	15						Total	\$12,967	\$41,373	\$1,585	\$5,214	\$0	\$3,396	\$0	\$1,334	F 111-Comple	te	912,
Total IRP Sites		RP Installations with Sites	4																	
		RP Installations with Sites	2																	
	Total Number of Mivi	KF Histanations with Sites	3																	
Formerly	y Used Defense Sit	es																		
	IRP Sites and MRSs by	Classification	Study	74	8	2	9	3	0	\$28,039	\$4,824	\$356	\$395	\$858	\$262	\$490	\$0	FY13	\$1,871	5
Response Complete	72 Response Complete	8	IRA	3(3)	3(3)	0	0			\$2,243	\$6,746	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,485	\$1
High	1 MRSPP-1	0 MRSPP-7	0 Design	57	0	0	0	2	9	\$2,673	\$0	\$40	\$0	\$0	\$0	\$0	\$0	FY15	\$1,037	\$1
Medium	1 MRSPP-2	0 MRSPP-8	0 RA-C	60	0	4	0	3	9	\$22,505	\$0	\$430	\$0	\$349	\$0	\$279		FY16	\$1,266	
Low	0 MRSPP-3	0 Evaluation Pending	9 RA-O	0	0	0	0	1	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$22
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	1 LTM	12	4	1	0	0	9	\$1,078	\$29	\$346	\$0	\$332	\$0	\$192	\$0	FY11-Comp.	MMRP	\$59,
				•					70. 4 3	A.E.C. 520	****		A20.5	24.520	\$262	\$961		FY11-Comple		\$81,4
Not Required	5 MRSPP-5	0 No Longer Required	7						Total	\$56,538	\$11,599	\$1,172	\$395	\$1,539	\$202	\$901	φt	r i ii-Compie	ete	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

							Com	pleted	Und	lerway	Fut	ture	Costs Th		FY10 Obligate		FY11 Ex Planned		FY12 P Estimat		Estimate	ed Costs	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	1110(	φυσυ)	Obligate	u (\$000)	1 lainiec	ι (φυσυ)	Estimat	e (\$000)	Lima	cu costs	(ψοσο)
									Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
West Virgi	inia	ı																					
Active In																							
	IRP	Sites and MRSs by Cl	lassific	ation		Study	134	1	2	7	1	0	\$10,352	\$823	\$0	\$549	\$0	\$468	\$73	\$993	FY13	\$5,687	
Response Complete	124	Response Complete	1			IRA	10(10)	0	0	1(1)			\$10,350	\$645	\$0	\$645	\$0	\$0	\$0	\$0	FY14	\$3,488	\$
High	3	MRSPP-1	0	MRSPP-7	0	Design	6	0	2	0	1	2	\$3,876	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$8,855	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	0	0	3	2	\$8,088	\$0	\$0	\$0	\$173	\$0	\$468	\$0	FY16	\$987	\$6
Low	0	MRSPP-3	0	Evaluation Pending	7	RA-O	0	0	4	0	1	0	\$10,215	\$0	\$3,622	\$0	\$1,906	\$0	\$1,309	\$0	FY11-Comp.	IRP	\$38,
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	\$971	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$3,
Not Required	9	MRSPP-5	0	No Longer Required	1							Total	\$43,852	\$1,468	\$3,622	\$1,194	\$2,079	\$468	\$1,850	\$993	FY11-Comple	ete	\$41,
Total IRP Sites	137	MRSPP-6	0	Total MRSs	8																		
		Total Number of IR	P Inst	allations with Sites	27																		
	1	Total Number of MMR	P Inst																				
<b>T</b> 1				allations with Sites	2																		
Formerly	y Us	sed Defense Site		allations with Sites	2																		
Formerl		Sed Defense Site	es		2	Study	54	3	2	0	0	0	\$33,153	\$171	\$874	\$0	\$215	\$0	\$340	\$0	FY13	\$742	
	IRP		es			Study IRA	54	3 0	2 0	0	0	0	\$33,153 \$0	\$171 \$0	\$874 \$0		\$215 \$0		\$340 \$0		FY13 FY14	\$742 \$1,151	
Response Complete	IRP 50	Sites and MRSs by Cl	es lassific		0		54 0 18				0	0				\$0		\$0		\$0			
Response Complete	<b>IRP</b> 50	P Sites and MRSs by Cl Response Complete	es lassific	ation	0 0	IRA	0	0	0	0			\$0	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0	FY14	\$1,151	
Response Complete High Medium	1RP 50 2 0	P Sites and MRSs by Cl Response Complete MRSPP-1	es lassific	ation MRSPP-7	0 0	IRA Design	0	0	0	0	0	0	\$0 \$3,417	\$0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0	FY14 FY15	\$1,151 \$423 \$890	\$47,
Response Complete High Medium Low Not Evaluated	1RP 50 2 0 0	Response Complete MRSPP-1 MRSPP-2	es lassific 3 0	ation  MRSPP-7  MRSPP-8	0 0 0	IRA Design RA-C	0	0 0	0	0 0	0	0	\$0 \$3,417 \$27,460	\$0 \$0 \$2,806	\$0 \$0 \$14	\$0 \$0 \$0 \$0	\$0 \$0 \$51	\$0 \$0 \$0 \$0	\$0 \$0 \$82	\$0 \$0 \$0 \$0	FY14 FY15 FY16	\$1,151 \$423 \$890 IRP	
Response Complete High Medium Low	1RP 50 2 0 0 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3	2S   assific   3	ation  MRSPP-7  MRSPP-8  Evaluation Pending	0 0 0 0 3	IRA Design RA-C RA-O	0 18 35 4	0 0 1 0	0 0 3 1	0 0	0 0 2	0 0 0	\$0 \$3,417 \$27,460 \$6,525	\$0 \$0 \$2,806 \$0	\$0 \$0 \$14 \$566	\$0 \$0 \$0 \$0 \$0 \$137	\$0 \$0 \$51 \$883	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$82 \$169	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp.	\$1,151 \$423 \$890 IRP MMRP	\$47,2 \$3,2 \$50,5
Response Complete High Medium Low Not Evaluated	1RP 50 2 0 0 0	Response Complete MRSPP-1 MRSPP-2 MRSPP-3 MRSPP-4	28 dassific 3 0 0 0 0 0 0 0 0 0	ation  MRSPP-7  MRSPP-8  Evaluation Pending  No Known/Suspected	0 0 0 3 3	IRA Design RA-C RA-O	0 18 35 4	0 0 1 0	0 0 3 1	0 0	0 0 2	0 0 0 0	\$0 \$3,417 \$27,460 \$6,525 \$13,565	\$0 \$0 \$2,806 \$0 \$1,050	\$0 \$0 \$14 \$566 \$924	\$0 \$0 \$0 \$0 \$0 \$137	\$0 \$0 \$51 \$883 \$211	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$82 \$169	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp.	\$1,151 \$423 \$890 IRP MMRP	\$47,2 \$3,3

Table E-5 Sta	เเนร	or State INF/IVII	VIRP Summary a	2 OI 26	hremn	E1 30, A	<b>2</b> 010				T =								Omnemai Ke	Jorani	i i ogiaili
					Com	pleted	Und	lerway	Fu	iture	Costs Th		FY10 l Obligate		FY11 Ex Planned		FY12 P Estimat		Estimate	ed Costs	(\$000)
				Phase	IRP	MMRP		MMRP	IRP	MMRP	,		Ů	,		. ,		`` ′			· · ·
							Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP F	iscal Year	IRP	MMRP
Wisconsin																					
Active In	nstal	lations																			
	IRP	Sites and MRSs by Classis	fication	Study	274	0	3	21	0	0	\$31,370	\$3,449	\$11	\$312	\$3,543	\$3,357	\$0	\$1,222 <b>F</b>	Y13	\$4,058	\$3,21
Response Complete	270	Response Complete	0	IRA	8(9)	0	1(2)	0			\$47,086	\$0	\$17,240	\$0	\$0	\$0	\$0	\$0 <b>F</b>	Y14	\$3,921	\$5,37
High	2	MRSPP-1	0 MRSPP-7	0 Design	23	0	3	0	0	14	\$11,944	\$0	\$0	\$0	\$1,815	\$0	\$0	\$0 <b>F</b>	Y15	\$3,989	\$
Medium	2	MRSPP-2	0 MRSPP-8	0 RA-C	. 31	0	3	0	0	4	\$58,025	\$0	\$0	\$0	\$380	\$0	\$3,904	\$0 <b>F</b>	FY16	\$4,099	\$68
Low	0	MRSPP-3	0 Evaluation Pending	21 <b>RA-O</b>	7	0	3	0	0	0	\$34,999	\$0	\$4,968	\$0	\$1,684	\$0	\$1,711	\$0 <b>F</b>	Y11-Comp. I	RP	\$84,55
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	0 LTM	20	0	8	0	1	12	\$25,139	\$0	\$1,989	\$0	\$2,129	\$0	\$2,132	\$0 <b>F</b>	Y11-Comp. N	MMRP	\$15,71
Not Required	3	MRSPP-5	0 No Longer Required	0						Total	\$208,563	\$3,449	\$24,208	\$312	\$9,551	\$3,357	\$7,747	\$1,222 F	Y11-Comple	te	\$100,27
Total IRP Sites	277	MRSPP-6	0 Total MRSs	21																	
		Total Number of IRP In	nstallations with Sites	35																	
	Т	otal Number of MMRP In	nstallations with Sites	2																	
BRAC In	netal	lations																			
DRAC II	iistai	iauons			1																
		Sites and MRSs by Classic	fication	Study	+	0	0	0	0	0	\$0	\$0		\$0	\$0	\$0	\$0		Y13	\$0	\$
Response Complete		Response Complete	0	IRA	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$0	\$
High	0	MRSPP-1	0 MRSPP-7	0 Design	<b>1</b> 0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Y15	\$0	\$
Medium		MRSPP-2	0 MRSPP-8	0 <b>RA-C</b>		0	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Y16	\$0	\$
Low		MRSPP-3	0 Evaluation Pending	0 RA-O		0	0	0	0	0	\$0	\$0		\$0	\$0	\$0	\$0		Y11-Comp. I		\$
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	0	\$0	\$0		\$0	\$0	\$0	\$0		Y11-Comp. N		\$
Not Required	0	MRSPP-5	0 No Longer Required	0						Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 F	Y11-Comple	te	\$
Total IRP Sites	1	MRSPP-6	0 Total MRSs	0																	
		Total Number of IRP In	nstallations with Sites	1																	
	Т	otal Number of MMRP In	nstallations with Sites	0																	
Formerly	y Us	ed Defense Sites																			
	IRP	Sites and MRSs by Classic	fication	Study	37	1	2	1	0	0	\$4,936	\$359	\$751	\$0	\$314	\$0	\$119	\$0 <b>F</b>	Y13	\$0	\$
Response Complete	37	Response Complete	0	IRA	2(2)	0	0	0			\$221	\$0	\$0	\$0	\$0	\$0	\$0	\$0 F	Y14	\$862	\$
High	1	MRSPP-1	0 MRSPP-7	0 Design	<b>1</b> 22	0	1	0	1	2	\$3,242	\$0	\$0	\$0	\$901	\$0	\$213	\$0 <b>F</b>	Y15	\$164	\$
Medium	0	MRSPP-2	0 MRSPP-8	0 RA-C	+	0	1	0	1	2	\$3,372	\$0	\$30	\$0	\$0	\$0	\$0		Y16	\$0	\$
Low	1	MRSPP-3	0 Evaluation Pending	2 <b>RA-O</b>	_	0	0	0	1	0	\$0	\$0		\$0	\$0	\$0	\$0		Y11-Comp. I	RP	\$10,23
					+																\$11,79
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	0 LTM	10	0	0	0	3	2	\$16	\$0	\$15	\$0	\$0	\$0	\$5	\$0 <b>F</b>	Y11-Comp. N	MMRP	911,77
Not Evaluated Not Required	0	MRSPP-4 MRSPP-5	0 No Known/Suspected 0 No Longer Required	0 LTM	10	0	0	0	3	Total	\$16 <b>\$11,787</b>	\$0 \$359	\$15 <b>\$796</b>	\$0 <b>\$0</b>	\$0 \$1,215	\$0 <b>\$0</b>	\$5 \$337		Y11-Comp. N Y11-Comple		\$22,032

Total Number of IRP Installations with Sites

Total Number of MMRP Installations with Sites

							Com	pleted	Und	lerway	Fu	ture	Costs Tl		FY10		FY11 Ex		FY12 P		Estimat	ed Costs	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY10 (	\$000)	Obligate	a (\$000)	Planned	(\$000)	Estimat	e (\$000)	Estillat	eu Costs	(\$000)
									Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Wyoming																							
Active In	stall	ations																					
	IRP S	Sites and MRSs by Cl	lassific	cation		Study	36	0	1	40	11	0	\$79,680	\$1,533	\$112	\$1,533	\$0	\$2,053	\$0	\$2,086	FY13	\$1,611	\$
Response Complete	28	Response Complete	0			IRA	8(17)	0	0	0			\$32,733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,789	\$3,19
High	0	MRSPP-1	0	MRSPP-7	0	Design	7	0	0	0	2	20	\$4,510	\$0	\$482	\$0	\$7,430	\$0	\$0	\$0	FY15	\$1,411	\$9,13
Medium	4	MRSPP-2	0	MRSPP-8	0	RA-C	11	0	1	0	2	20	\$20,007	\$0	\$1,236	\$0	\$1,364	\$0	\$0	\$0	FY16	\$4,922	\$2,00
Low	0	MRSPP-3	0	Evaluation Pending	40	RA-O	3	0	5	0	2	0	\$5,221	\$0	\$542	\$0	\$671	\$0	\$1,490	\$0	FY11-Comp.	IRP	\$43,024
Not Evaluated	11	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	5	0	8	4	\$3,491	\$0	\$231	\$0	\$263	\$0	\$274	\$0	FY11-Comp.	MMRP	\$23,425
Not Required	5	MRSPP-5	0	No Longer Required	0							Total	\$145,642	\$1,533	\$2,603	\$1,533	\$9,728	\$2,053	\$1,764	\$2,086	FY11-Comple	ete	\$66,449
Total IRP Sites	48	MRSPP-6	0	Total MRSs	40																		
		Total Number of IR	P Ins	tallations with Sites	5																		
	To	otal Number of MMR	P Ins	tallations with Sites	1																		
Formerly	y Use	ed Defense Site	es																				
	IRP	Sites and MRSs by Cl	lassific	cation		Study	18	4	3	8	1	4	\$15,348	\$11,906	\$2,798	\$4,316	\$1,635	\$480	\$1,570	\$0	FY13	\$996	\$0
Response Complete	13	Response Complete	4			IRA	7(7)	1(1)	1(1)	0			\$7,005	\$0	\$5,929	\$0	\$40	\$0	\$0	\$0	FY14	\$5,884	\$0
High	6	MRSPP-1	0	MRSPP-7	0	Design	9	0	5	1	4	10	\$952	\$26	\$753	\$0	\$135	\$0	\$484	\$0	FY15	\$5,507	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	0	1	9	10	\$1,187	\$17	\$0	\$0	\$2,033	\$0	\$2,279	\$0	FY16	\$4,154	\$2,898
Low	1	MRSPP-3	0	Evaluation Pending	8	RA-O	0	0	0	0	6	0	\$0	\$0	\$0	\$0	\$0	\$0	\$99	\$0	FY11-Comp.	IRP	\$107,313
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	3	LTM	9	4	0	0	9	10	\$11	\$8	\$5	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$76,425
Not Required	0	MRSPP-5	2	No Longer Required	1							Total	\$24,503	\$11,957	\$9,485	\$4,316	\$3,843	\$480	\$4,432	\$0	FY11-Comple	ete	\$183,738
Total IRP Sites	22	MRSPP-6	2	Total MRSs	16										·								
		Total Number of IR	P Ins	tallations with Sites	13																		

12

Total Number of MMRP Installations with Sites

DoD Cor	nnone	ent - Installatio	n / Fl	FID / NPL or Pi	ronose	d NPI	. / <b>BR</b>	AC Y	ear / I	RAR/	СТС Г	elta f	rom F	Y09*											
Dob col	пропо	int instantatio		ID / TVI E OI II	орозс			pleted		erway	Fut			Schedule	Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
						Phase					IRP			act**	FY10				Planned			te (\$000)	Estima	ted Costs	(\$000)
						1 muse			Sites (A		1111		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Alabama																									
	NINITOI	CON A DIMY DEDO	TO / A T	421202002E00 / NID	T / D A I	) / C EC	T.																		
ARMY - A				.421382002700 / NP	L / KAI								_											1	
		P Sites and MRSs by	Classific	ation		Study	47	0	2	3	0	0	_		\$40,274	\$1,334	\$2,186	\$836	\$1,123	\$114	\$0		FY13	\$1,308	\$830
Response Complete	38	Response Complete	0			IRA	5(8)	0(0)	2(2)	0(0)					\$15,649	\$0	\$581	\$0	\$999	\$0	\$161		FY14	\$1,332	\$8
High	1	MRSPP-1	0	MRSPP-7	0	Design	13	0	0	0	0	3			\$2,235	\$0			\$0	\$0			FY15	\$1,345	\$1,274
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	22	0	1	0	1	3			\$7,827	\$0	\$0		\$532	\$0	\$0		FY16	\$1,160	\$1
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	8	0	2	0			\$2,711	\$0	\$311	\$0	\$241	\$0	\$1,271		FY11-Comp		\$36,34
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	1	0	13	0	0	1			\$1,805	\$0	\$30		\$68	\$0	\$38		FY11-Comp		\$2,37
Not Required	8	MRSPP-5	2	No Longer Required	0	1		FY 204			al RC: F	Y 2018		Total	\$70,501	\$1,334	\$3,108	\$836	\$2,963	\$114	\$1,470	\$0	FY11-Comp	lete	\$38,71
Total IRP Sites	49	MRSPP-6	0	Total MRSs	3	Five-Y	ear Revie	w Compl	eted and	Underway															
in FY IRP Progress Plan for FY11-FY	710: med Refe	er to Page F-21.										MMRI	Progres	P Progress in FY10: ss Planned 711-FY12:	·										
ARMY - I	FORT N	MCCLELLAN / AI	42137	2056200 / BRAC 199	95 / RA	В																			
	IR	P Sites and MRSs by	Classific	ation		Study	123	6	7	1	0	0			\$156,703	\$11,966	\$670	\$0	\$1,307	\$0	\$0	\$0	FY13	\$9,641	\$2,000
Response Complete	123	Response Complete	6			IRA	0(0)	0(0)	0(0)	0(0)					\$5,719	\$6,499	\$0	\$0	\$409	\$0	\$0	\$0	FY14	\$7,965	\$2,000
High	2	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$1,990	\$363	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$7,166	\$2,555
Medium	5	MRSPP-2	1	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$17,869	\$27,967	\$427	\$1,749	\$0	\$1,420	\$3,000	\$2,000	FY16	\$6,652	\$5,70
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$140,24
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$25,735	\$104	\$25,549	\$0	\$2,000	\$104	\$2,000	\$0	FY11-Comp	. MMRP	\$72,85
Not Required	0	MRSPP-5	0	No Longer Required	6	IRP Fi	inal RC:	FY 202	4	MRS Fina	al RC: F	Y 2030		Total	\$208,016	\$46,899	\$26,646	\$1,749	\$3,716	\$1,524	\$5,000	\$2,000	FY11-Comp	lete	\$213,09
Total IRP Sites	130	MRSPP-6	0	Total MRSs	7	Five-Y	ear Revie	w Planne	d for Futu	ire															
IRP Prog in FY IRP Progress Plan for FY11-FY	710: med Refe	er to Page F-67.										MMRI	Progres	P Progress in FY10: ss Planned /11-FY12:	·										
ARMY - I	REDST	ONE ARSENAL /	AL421.	382074200 / NPL / C	C-TECH				ı	1											ı				
		P Sites and MRSs by	Classific	ation		Study	128	21	143	9	0	0	<u> </u>		\$117,500	\$1,179	\$4,257	\$612	\$5,081	\$1,194	\$3,132		FY13	\$7,293	\$21
Response Complete	122	Response Complete	21			IRA	2(2)	1(1)	23(23)	0(0)					\$13,350	\$1,254	\$0	_	\$112	\$0	\$275		FY14	\$4,753	\$8:
High	2	MRSPP-1	0	MRSPP-7	1	Design	1	0	19	0	13	4			\$5,832	\$0	\$0		\$0	\$11	\$171		FY15	\$1,523	\$13
Medium	52	MRSPP-2	0	MRSPP-8	0	RA-C	20	0	32	2	24	5			\$93,581	\$0	\$0	\$0	\$3,096	\$0	\$5,485	\$284	FY16	\$1,650	\$170
Low	64	MRSPP-3	3	Evaluation Pending	1	RA-O	1	0	13	0	17	0			\$8,678	\$45	\$5,864	\$45	\$86	\$0	\$158	\$0	FY11-Comp	. IRP	\$47,16
Not Evaluated	25	MRSPP-4	1	No Known/Suspected	0	LTM	0	0	1	0	43	6			\$456	\$0	\$0	\$0	\$53	\$0	\$184	\$60	FY11-Comp	. MMRP	\$3,36
Not Required	6	MRSPP-5	2	No Longer Required	21	IRP Fi	inal RC:	FY 202	5	MRS Fina	al RC: F	Y 2014		Total	\$239,397	\$2,478	\$10,121	\$657	\$8,428	\$1,205	\$9,405	\$381	FY11-Comp	lete	\$50,53
Total IRP Sites	271	MRSPP-6	1	Total MRSs	30	Five-Y	ear Revie	w Planne	d for Futu	ire															
IRP Prog	710:	er to Page F-158.				_						MMP		P Progress in FY10:	·										
for FV11-FV		и ю гаде г-158.										WINIKI		s Planned		ge r=158.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

					Phase		pleted MMRP	Unde		Futu IRP M			Schedule act**	Costs Th FY10 (S		FY10 Obligate	Funds d (\$000)	FY11 Ex Planned			Planning ite (\$000)	Estimated	d Costs (	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP :	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Alabama																								
AIR FORC	E - MAXWELL AIR FO	RCE BASE / AL4	7152418	200 / B	RAC 20	005 Rea	lignmer	nt / RAE	3 / C-RE	G														
<b>T</b>	IRP Sites and MRSs by C	Classification			Study	32	6	0	3	0	0			\$2,792	\$1,931	\$0	\$1,710	\$0	\$0	\$0	\$0	FY13	\$2,833	\$47
Response Complete	16 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,735	\$15
High	0 MRSPP-1	0 MRSPP-7		0	Design	1	0	0	0	0	3			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,848	\$
Medium	1 MRSPP-2	0 MRSPP-8		0	RA-C	14	0	0	0	0	3			\$1,131	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,688	\$
Low	0 MRSPP-3	0 Evaluation I	nding	9	RA-O	3	0	15	0	0	0			\$31,286	\$0	\$5,226	\$0	\$583	\$0	\$5,893	\$0	FY11-Comp. II	RP	\$18,38
		0 No Known/	spected	0	LTM	2	0	0	0	14	0			\$1,055	\$0	\$0	\$0	\$0	\$0	\$96	\$0	FY11-Comp. M	<b>MRP</b>	\$68
Not Evaluated	0 MRSPP-4	0 NO KHOWID	1																					
Not Evaluated Not Required	0 MRSPP-4 15 MRSPP-5	0 No Longer I		0	IRP Fi	nal RC:	FY 2010	6 N	MRS Fina	l RC: FY	2014		Total	\$36,264	\$1,931	\$5,226	\$1,710	\$583	\$0	\$5,989	\$0	FY11-Complet	e	\$19,06
Not Required Total IRP Sites	15 MRSPP-5 32 MRSPP-6 28S Update Automated Admin Record	0 No Longer l 0 Total MRS	quired	0 9 North; Rig	Five-Ye	ear Revie	w Comple	eted and I	Planned fo		2014	MMRF	Progress	, .	ne draft final	,,,,		,,,,,	\$0 MMRP Sites w	.,,,		FY11-Complet		
Not Required  Total IRP Sites  IRP Progres in FY1  IRP Progress Plann	15 MRSPP-5 32 MRSPP-6 28S Update Automated Admin Record	0 No Longer I 0 Total MRS: 1; RA-O OU#1 Sites; Resi	e Landfill 4  Maintain M  Characteriza	onitoring V	Five-Yeght of Entry Wells; Upda	ear Revie	d JP-4 Plum	eted and F	Planned fo	r Future		Progres	Progress in FY10:	Completed the was awarded	ne draft final in FY10.	basewide C		eport. All M	\$0 MMRP Sites w	.,,,				
Not Required Total IRP Sites IRP Progre in FY1 IRP Progress Plann for FY11-FY1	15 MRSPP-5 32 MRSPP-6 32 Update Automated Admin Record 0: ed Litigation Settlement Landfill 4; 2: Source; Delineate Guard Well Co	0 No Longer I 0 Total MRS i; RA-O OU#1 Sites; Res SD-001 Chlordane Cleanu ntamination OU-1; Sources; JP-4 CAP Implementat	e Landfill 4  Maintain M  Characterizat	onitoring V	Five-Yeght of Entry Wells; Upda 2; Long Te	ear Revie OU#1; and ate Automa	d JP-4 Plum	eted and F	Planned fo	r Future		Progres	Progress in FY10:	Completed the was awarded	ne draft final in FY10.	basewide C	SE Phase II R	eport. All M	\$0	.,,,				
Not Required Total IRP Sites IRP Progre in FY1 IRP Progress Plann for FY11-FY1	15 MRSPP-5 32 MRSPP-6 288 Update Automated Admin Record 0: 20 Litigation Settlement Landfill 4; 21 Source; Delineate Guard Well Co Five-Year Review Non OU-1 Site	0 No Longer I 0 Total MRS I; RA-O OU#1 Sites; Res SD-001 Chlordane Cleanu ntamination OU-1; Source s; IP-4 CAP Implementat	e Landfill 4  Maintain M  Characterizat	onitoring V	Five-Yeght of Entry Wells; Upda 2; Long Te	ear Revie OU#1; and ate Automa	d JP-4 Plum	eted and F	Planned fo	r Future		Progres	Progress in FY10:	Completed the was awarded	ne draft final in FY10.	basewide C	SE Phase II R	eport. All M	\$0 MMRP Sites w	.,,,	d under the M			with EE/CAs
Not Required  Total IRP Sites  IRP Progres in FY1  IRP Progress Plann for FY11-FY1  FORMERI	15 MRSPP-5 32 MRSPP-6 SS Update Automated Admin Record 0: ed Litigation Settlement Landfill 4: 2: Source; Delineate Guard Well Cor Five-Year Review Non OU-1 Site	0 No Longer I 0 Total MRS I; RA-O OU#1 Sites; Res SD-001 Chlordane Cleanu ntamination OU-1; Source s; IP-4 CAP Implementat	e Landfill 4  Maintain M  Characterizat	onitoring V	Five-Ye ght of Entry Wells; Upda 2; Long Te	ear Revie OU#1; and ate Automa erm Landfil	ew Comple d JP-4 Plum ate Admin R l Maintenan	eted and F	Planned fo	r Future		Progres	Progress in FY10:	Completed the was awarded	ne draft final in FY10.	Dasewide C	SE Phase II R and awarded	eport. All M		rere scored	d under the M	ISPP requirement. A ba	asewide RI v	with EE/CAs
Not Required  Total IRP Sites  IRP Progres in FY1  IRP Progress Plann for FY11-FY1  FORMERI  Response Complete	15 MRSPP-5 32 MRSPP-6 SS Update Automated Admin Record 0: ed Litigation Settlement Landfill 4: 2: Source; Delineate Guard Well Co- Five-Year Review Non OU-1 Site  XY USED DEFENSE SITI IRP Sites and MRSS by C	0 No Longer I 0 Total MRS I; RA-O OU#1 Sites; Res SD-001 Chlordane Cleanu ntamination OU-1; Source s; IP-4 CAP Implementat	e Landfill 4  Maintain M  Characterizat	onitoring Value Phase	Five-Ye ght of Entry Wells; Upda 2; Long Te 600 / C-F	ear Revie OU#1; and ate Automa rm Landfill  EST 0	d JP-4 Plum ate Admin R I Maintenan	eted and F te Control & tecord; Bell tice, Right o	Planned fo & Cleanup.	r Future		Progres	Progress in FY10:	Completed the was awarded  Complete the	ne draft final in FY10. PRI and EE/6	CAs scoped	SE Phase II R and awarded \$2,873	in FY10.	\$91	vere scored	) \$10 ) \$0	FY13	asewide RI v	with EE/CAs
Not Required Total IRP Sites IRP Progre in FY1 IRP Progress Plann for FY11-FY1	15 MRSPP-5 32 MRSPP-6 SS Update Automated Admin Record 0: ed Litigation Settlement Landfill 4; 2: Source; Delineate Guard Well Co- Five-Year Review Non OU-1 Site XY USED DEFENSE SITI IRP Sites and MRSs by Co- 0 Response Complete	0 No Longer 1 0 Total MRS i; RA-O OU#1 Sites; Resistantiamination OU-1; Sources; JP-4 CAP Implemental EES - CP SIBERT Classification 0	e Landfill 4  Maintain M  Characterizat	onitoring Vition Phase S	Five-Younght of Entry Wells; Upda 2; Long Te  500 / C-F  Study  IRA	ear Revie  OU#1; and ate Automa rm Landfil  EST  0 0(0)	d JP-4 Plum ate Admin R I Maintenan	eted and F te Control & tecord; Bell tice, Right o	Planned fo & Cleanup.	r Future	<b>MMRP</b> 0	Progres	Progress in FY10:	Completed the was awarded  Complete the \$55,183\$	the draft final in FY10.  RI and EE/  \$12,335	l basewide C CAs scoped	SE Phase II R and awarded \$2,873 \$0 \$0	s699 \$0	\$91	so so	) \$10 0 \$0 7 \$0	FY13 FY14	s30	
Not Required  Total IRP Sites  IRP Progres in FY1  IRP Progress Plann for FY11-FY1  FORMERI  Response Complete  High	15 MRSPP-5 32 MRSPP-6 SS Update Automated Admin Record 0: ed Litigation Settlement Landfill 4; 2: Source; Delineate Guard Well Co- Five-Year Review Non OU-1 Site XY USED DEFENSE SITI IRP Sites and MRSS by Co- 0 Response Complete 0 MRSPP-1	0 No Longer I 0 Total MRS i; RA-O OU#1 Sites; Res SD-001 Chlordane Cleanu ntamination OU-1; Soure se; JP-4 CAP Implemental EES - CP SIBERT Classification 0 0 MRSPP-7	e Landfill 4  Maintain M Characterizan	onitoring Vition Phase S	Five-Younght of Entry Wells; Upda 2; Long Te  500 / C-F Study IRA Design	ear Revie  OU#1; and ate Automa arm Landfil  EST  0  0(0) 0	ew Complete W Complete	tecord; Bell ce, Right o	Planned fo & Cleanup.  I St Gate Del f Entry OU#  3  0(0) 0	r Future	<b>MMRP</b> 0 2	Progres	Progress in FY10:	Completed the was awarded  Complete the S5,183 S0 S10	see draft final in FY10.  RI and EE/ \$12,335 \$0 \$9	S13 S0 S0	SE Phase II R and awarded \$2,873 \$0 \$7,514	\$699 \$0 \$0	\$91 \$0 \$0	\$0 \$0 \$137	) \$10 5 \$0 7 \$0 6 \$0	FY13 FY14 FY15	\$30 \$0 \$14 \$0	with EE/CAs  \$ \$ \$ \$
Not Required  Total IRP Sites  IRP Progress in FY1  IRP Progress Plann for FY11-FY1  FORMERI  Response Complete  High  Medium	15 MRSPP-5 32 MRSPP-6 SS Update Automated Admin Record 0: ed Litigation Settlement Landfill 4; 2: Source; Delineate Guard Well Co- Five-Year Review Non OU-1 Site XY USED DEFENSE SITI IRP Sites and MRSS by C 0 Response Complete 0 MRSPP-1 1 MRSPP-2	0 No Longer I 0 Total MRS i; RA-O OU#1 Sites; Resi SD-001 Chlordane Cleanu ntamination OU-1; Sources; JP-4 CAP Implemental EES - CP SIBERT Classification 0 MRSPP-7 0 MRSPP-8	e Landfill 4  Maintain M Characterizan  AL4979	onitoring Vition Phase S	Five-Younght of Entry Wells; Upda 2; Long Te  00 / C-F Study IRA Design RA-C	ear Revie  OU#1; and ate Automa rm Landfil  EST  0  0(0)  0	ew Complete d JP-4 Plum ate Admin R I Maintenan  0 000 1	eted and F se Control & se Cont	Planned fo & Cleanup.  I St Gate Del f Entry OU#  3  0(0) 0	r Future	0 2 1	Progres	Progress in FY10:	Completed the was awarded  Complete the  \$55,183  \$0  \$10  \$50	se draft final in FY10.  RI and EE/  \$12,335  \$0  \$9  \$32,590	CAs scoped  \$13  \$0  \$0	SE Phase II R and awarded \$2,873 \$0 \$50 \$7,514 \$0	\$699 \$0 \$0	\$91 \$0 \$0 \$215	\$0 \$0 \$137 \$0	) \$10 0 \$0 7 \$0 0 \$0	FY13 FY14 FY15 FY16	\$30 \$0 \$14 \$0	s s s s
Not Required  Total IRP Sites  IRP Progress in FY1  IRP Progress Plann for FY11-FY1  FORMERI  Response Complete  High  Medium  Low	15 MRSPP-5 32 MRSPP-6 28 Update Automated Admin Record 0: 21 Source; Delineate Guard Well Co- Five-Year Review Non OU-1 Site 22 V USED DEFENSE SITI IRP Sites and MRSS by Co- 0 Response Complete 0 MRSPP-1 1 MRSPP-2 0 MRSPP-3	0 No Longer 1 0 Total MRS i; RA-O OU#1 Sites; Res 5D-001 Chlordane Cleanu ntamination OU-1; Soure se; JP-4 CAP Implemental EES - CP SIBERT Classification 0 MRSPP-7 0 MRSPP-8 0 Evaluation I	Maintain M.haracterizan  AL49799	onitoring Vition Phase S	Five-Younght of Entry Wells; Upda 2; Long Te  600 / C-F  Study IRA Design RA-C RA-O LTM	ear Revie OU#1; and ate Automa rm Landfil  EST  0 0(0) 0 0	ew Completed JP-4 Plum  ate Admin R I Maintenan  0 0(0) 1 0	teted and F are Control & teter and F are Co	Planned fo & Cleanup.  I St Gate Del f Entry OU#  3	r Future	0 2 1 0 3	Progres	Progress in FY10:	Completed the was awarded  Complete the  \$55,183  \$0  \$10  \$50	se draft final in FY10.  RI and EE/  \$12,335  \$0  \$9  \$32,590  \$0	CAs scoped  \$13  \$0  \$0  \$0  \$0  \$0  \$0  \$0  \$0  \$0  \$	\$2,873 \$0 \$7,514 \$0	\$699 \$0 \$0 \$0	\$91 \$0 \$0 \$215 \$0	\$0 \$0 \$137 \$0	) \$10 0 \$0 0 \$0 0 \$0 0 \$0 0 \$0	FY13 FY14 FY15 FY16 FY11-Comp. II	\$30 \$0 \$14 \$0 <b>RP</b>	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

IRP Progress Planned Complete RI/FS phase and initiate remedial design work.

for FY11-FY12:

MMRP Progress Planned Delineate Camp Sibert into smaller discrete projects. Complete RA at Site 2A. Complete RI/FS for all CWM and conventional MMRP sites. Begin for FY11-FY12: RAs at remaining MMRP sites.

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

\*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	ı / FI	SID / NPL or Pr	onose	d NPI	. / <b>BR</b>	AC V	ear / I	PAR/	СТС Г	elta f	rom F	V09*											
Dob compo	ment instantion	.,	ID / IVI E OI II	орозс		Comp			erway	Fut			Schedule	Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
					Phase					IRP			act**	FY10 (		Obligate			d (\$000)		te (\$000)	Estima	ted Costs	(\$000)
								Sites (A				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Alaska																								
_	T RICHARDSON / AK	02145	32215700 / NPI / DA	R																				
ARWIT-FOR				ъ	Study	89	0		7		0	_		\$38,573	\$1,291	\$6,487	\$492	60	60	\$0	60	FY13	\$14,024	64
D G 1/	IRP Sites and MRSs by C	lassific	ation 			34(70)	8	6(6)	0(0)	"	0	_		\$10,583	\$1,291	\$267	\$492 \$0	\$0	\$0	\$0		FY14	\$14,024	SC
Response Complete High	86 Response Complete 0 MRSPP-1	8	MRSPP-7	1 0	IRA	10	0(0)	0(6)	0(0)	0	0	_		\$10,583	\$0	\$267	\$0	\$0	\$0	\$0		FY14 FY15	\$19,467	Si
Medium	1 MRSPP-2	0	MRSPP-8	0	Design RA-C	46	0	0	0	4	0	<u> </u>		\$28,927	\$0	\$0	\$0	\$0	\$0 \$0	\$0		FY16	\$18,409	\$0
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	13	0	0	0	,	0			\$16,235	\$0	\$975	\$0	\$8,416	\$0	\$13,796		FY11-Comp	ΨΟ	\$74,17
Not Evaluated	7 MRSPP-4	2	No Known/Suspected	0	LTM	3	0	7	0	5	0			\$4,481	\$0	\$790	\$0	\$6,410	\$0	\$13,796		FY11-Comp		\$74,17
Not Required	0 MRSPP-5	4	No Longer Required	8		nal RC:		l /		d DC. EV	v		Total	\$100,098	\$1,291	\$8,519	\$492	\$8,416	\$0	\$13,796		FY11-Comp		\$74,17
Total IRP Sites	94 MRSPP-6	- 0	Total MRSs	15	1				Planned fo	al RC: FY	2011		Total	\$100,098	\$1,291	\$6,519	\$492	\$6,410	\$0	\$13,790	\$0	r 111-Comp	iete	φ/-1,1/
	Refer to Page F-72.	-	Total MIKSs		1110 1	cui icevie	w Compr	cted and	i iuimed ie	n i uture		MADE	Progress											
in FY10:  IRP Progress Planned for FY11-FY12:	-										MMRI	Progres	in FY10: s Planned 111-FY12:											
ARMY - FOR'	T WAINWRIGHT / A	K0214	52242600 / NPL / R	AB / C-	тесн																			
_	IRP Sites and MRSs by C	lassific	ation		Study	83	10	1	5	0	0			\$70,919	\$2,673	\$2,862	\$1,921	\$3,465	\$144	\$0	\$0	FY13	\$1,443	\$
Response Complete	67 Response Complete	10			IRA	36(65)	0(0)	0(0)	0(0)					\$2,322	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$1,090	\$(
High	1 MRSPP-1	0	MRSPP-7	0	Design	17	0	0	0	1	0			\$3,508	\$0		\$0	\$1	\$0	\$0		FY15	\$1,671	\$55
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	44	0	2	0	1	0			\$52,654	\$0	_	\$0	\$985	\$0	\$803		FY16	\$598	\$(
Low	o MRSPP-3	0	Evaluation Pending	2.	RA-O	11	0	14	0	2	0			\$40,923	\$0		\$0	\$2,338	\$0	\$1,612		FY11-Comp	. IRP	\$27,88
Not Evaluated	2 MRSPP-4	0	No Known/Suspected	0	LTM	8	0	5	0	4	5			\$7,899	\$0	\$62	\$0	\$58	\$0	\$32		FY11-Comp		\$24
Not Required	14 MRSPP-5	1	No Longer Required	10		nal RC:	FV 204	n -	MRS Fins	al RC: FY	7 2013		Total	\$178,225	\$2,673	\$10,062	\$1,921	\$6,847	\$144	\$2,447		FY11-Comp		\$28,12
Total IRP Sites	84 MRSPP-6	2	Total MRSs	15					Planned fo		2013			7-10,	72,012	*******	7-,	**,***	7211	7-,111	7.0	TTTT COMP	1000	, ,
IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:	Refer to Page F-75.  Refer to Page F-75.										MMRI	Progres	Progress in FY10: s Planned 111-FY12:											
NAVY - ADAI	K NAS / AK017002432	300 / N	NPL / BRAC 1995 / I	RAB / G	С-ТЕСН	/ C-ES	T		_															
	IRP Sites and MRSs by C	lassific	ation		Study	96	1	0	0	0	0			\$46,420	\$554	\$0	\$0	\$0	\$0	\$0		FY13	\$3,293	\$4,74
Response Complete	93 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$1,999	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$636	\$414
High	1 MRSPP-1	0	MRSPP-7	0	Design	45	0	0	0	0	0			\$3,149	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$834	\$6:
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	87	0	1	1	0	0			\$167,375	\$28,387	\$639	\$1,695	\$12,725	\$10,488	\$1,468			\$693	\$22
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	6	0	2	0	1	1			\$41,034	\$0	\$1,445	\$0	\$1,543	\$0	\$1,626		FY11-Comp		\$61,09
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	36	0	0	0	0	0			\$4,626	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$67,63
Not Required	2 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 204	3	MRS Fina	al RC: FY	2042		Total	\$264,603	\$28,941	\$2,084	\$1,695	\$14,268	\$10,488	\$3,094	\$26,372	FY11-Comp	lete	\$128,73
Total IRP Sites	96 MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future														
IRP Progress in FY10:	Refer to Page F-12.										MMRF		Progress in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	n / FF	ID / NPL or Pr	opose	d NPI	/ BR	AC Y	ear / F	RAB/	CTC D	elta f	rom F	Y09*											
							oleted		erway	Fut			chedule	Costs Th		FY10				FY12 I	Planning			
					Phase		<u> </u>	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	<b>\$000</b> )	Obligate	d (\$000)	Planne	1 (\$000)	Estima	te (\$000)	Estim	ated Costs	(\$000)
								Sites (A				IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Alaska																								
_	· BIG MOUNTAIN RA	DIO R	RELAY STATION /	AK057	73028623	800 / C-	TECH																	
	IRP Sites and MRSs by C				Study	13	0	0	0	0	0			\$3,237	\$0	\$310	\$0	\$0	\$0	\$0	\$0	FY13	\$371	
Response Complete	10 Response Complete	0	ition		IRA	6(8)	0(0)	2(2)	0(0)	-				\$4,457	\$0	\$263	\$0	\$0	\$0	\$0		FY14	\$117	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$128	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$122	
Medium	2 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0			\$261	\$0	\$0	\$0		\$0	\$3,665		FY16	\$378	
Low	1 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$10,012	\$0	\$0		FY11-Comp	-	\$14,
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$144		FY11-Comp		Ψ1.,
Not Required	0 MRSPP-5	0	No Longer Required	0			FY 201:			al RC: FY			Total	\$8,083	\$0	\$573	\$0	\$10,012	\$0	\$3,809		FY11-Comp		\$14,9
Total IRP Sites	13 MRSPP-6	0	Total MRSs	0	1		w Planne			arke: F	-		Total	\$6,063	φU	φ3/3	φU	\$10,012	<b>90</b>	\$3,009	φ0	r i i i - com	nete	Ψ1-1,
	Conduct operations for one interir			D	l .							MMDI	Рисаносс	No MMRP s		. 1								
in FY10:	Conduct operations for one intern	n remedia	action and reasionity study.	, rroposeu	rian, KOD	DD 101 3	sites					WINTE	in FY10:	NO WIVIRE S	ates identific	eu.								
IRP Progress Planned	Initiate PCB removal for one site										MMRI	Progres	s Planned	No MMRP s	ites identific	ed								
for FY11-FY12:	minute i eg removar tor one site												11-FY12:		neo identini									
AID FORCE	- CAMPION AIR FOR	CE ST	'ATION / AV05720'	284280	) / C ES	т																		
AIR FORCE -				200200						0									****		****	*****	\$197	
	IRP Sites and MRSs by C	Classifica	ation		Study	9	0	0	1	0	0			\$987	\$1,190	\$0	\$737	\$0	\$210	\$0		FY13		\$1,
Response Complete	8 Response Complete	0			IRA	1(2)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$181	\$:
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$711	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$185	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$845	\$0	\$0	\$0	\$1,711	\$0	\$0		FY16	\$257	\$
Low	1 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	-		\$154	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$4,3
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$177		FY11-Comp		\$9,0
Not Required	0 MRSPP-5	0	No Longer Required	0	1		FY 201			al RC: FY	2014		Total	\$2,697	\$1,190	\$0	\$737	\$1,711	\$210	\$177	\$5,889	FY11-Comp	olete	\$13,4
Total IRP Sites	9 MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	w Planne	d for Futu	ire															
IRP Progress in FY10:	Conduct Basewide RI for MMRP	Sites										MMRI	Progress in FY10:	A basewide l	RI with EE/	CAs was awa	rded in FY1	0.						
IRP Progress Planned for FY11-FY12:	Continue RI work at various MMI	RP sites.									MMRI		s Planned 11-FY12:	Complete the	e RI and EE	/CAs scoped	and awarded	d in FY10.						
AIR FORCE -	- EARECKSON AIR F	ORCE	RASE / AK0573029	870500																				
- AMATORCE -	IRP Sites and MRSs by C			., 0500	Study	39	2	12	6	12	0			\$14,129	\$2,467	\$585	\$2,275	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete		1aSSIIIC	111011		IRA	23(30)	0(0)	0(0)	0(0)	12	Ü	-		\$5,951	\$2,407	\$0	\$2,275	\$0	\$0	\$0		FY14	\$1,862	
High	75 Response Complete 0 MRSPP-1	0	MRSPP-7	0	Design	0	0(0)	0(0)	0(0)	0	3			\$2,440	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$20,112	
Medium	0 MRSPP-1	0	MRSPP-8	0	RA-C	1	0	0	0	3	6	<del>                                     </del>		\$9,464	\$0	\$0	\$0	\$0	\$0	\$7,589		FY16	\$20,112	
Low	0 MRSPP-2 15 MRSPP-3	0	Evaluation Pending	0	RA-O		0		0			$\vdash$			\$0		\$0							\$32,
	15 MRSPP-3 12 MRSPP-4	0	Ü	7		0	_	1	-	0	0	$\vdash$		\$1		\$1		\$0	\$0	\$19		FY11-Comp		
Not Evaluated	12 MRSPP-4 1 MRSPP-5	0	No Known/Suspected	0	LTM	0	0	8	0	14	6			\$518	\$0	\$118	\$0	\$0	\$0	\$80				\$7, \$39,
Not Required		0	No Longer Required	1	1		FY 201			al RC: FY	2015		Total	\$32,503	\$2,467	\$704	\$2,275	\$0	\$0	\$7,688	\$0	FY11-Comp	piete	\$39,
Total IRP Sites	63 MRSPP-6	0	Total MRSs	8	l .		w Planne		ire															
IRP Progress in FY10:	Performance Based Contract plans	ned for FS	S and ROD activities. Initiated	d DDs for	7 sites. Cor	tinued wor	k in LTM f	or sites.				MMRI	Progress in FY10:	A basewide l	RI with EE/	CAs was awa	rded in FY1	0.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

															7										
DoD Cor	npone	ent - Installatio	n / Fl	FID / NPL or Pi	ropose	ed NPI							r			, 1	T37/10	г 1	EX711 E	4.	EX710.1	n '			
						, l		pleted		erway	Fut		T	Schedule act**	Costs Th		FY10 Obligate			xecution 1 (\$000)		te (\$000)	Estima	ted Costs	(\$000)
						Phase	IKP		Sites (A	MMRP	IKP I	WIMKP	_ ^	MMRP	IRP M			MMRP		MMRP	IDD	MMDD	Fiscal Year	IDD	MMDD
									ones (A	ctions)			IKP	MMRP	IRP IV	IMIRP	IRP	MMRP	IKP	MMRP	IKP	MMRP	Fiscal Year	IRP	MMRP
<u>Al</u> aska																									
AIR FOR	CE - EI	ELSON AIR FOR	CE BA	SE / AK0573028646	500 / NI	PL / BRA	C 2005	Realig	nment /	RAB / C	C-TECH	/ C-RE	EG.												
	IR	P Sites and MRSs by (	Classific	ation		Study	66	0	0	0	20	0			\$26,674	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$334	\$
Response Complete	38	Response Complete	0			IRA	7(7)	0(0)	0(0)	0(0)					\$1,926	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$396	\$
High	0	MRSPP-1	0	MRSPP-7	0	Design	17	0	0	0	0	0			\$6,778	\$0	\$0		\$0	\$0	\$0		FY15	\$306	\$
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	30	0	0	0	0	0			\$12,634	\$0		\$0	\$0	\$0	\$0		FY16	\$12,267	5
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	8	0	28	0	0	0			\$11,709	\$0	\$1,271	\$0	\$3,022	\$0	\$2,242		FY11-Comp		\$19,97
Not Evaluated	20	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	0	0	0	0			\$4,911	\$0	\$70		\$0	\$0	\$0		FY11-Comp		
Not Required	28	MRSPP-5	0	No Longer Required	0	-		FY 203		MRS Fina		7 -		Total	\$64,632	\$0	\$1,341	\$0	\$3,022	\$0	\$2,242	\$0	FY11-Comp	lete	\$19,97
Total IRP Sites	86	MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	w Compl	eted and	Planned fo	r Future														
IRP Prog in FY IRP Progress Plan	710:	r to Page F-51.										MMRI		in FY10:	No MMRP sit										
for FY11-FY	712:	Torager 51.												711-FY12:	THE IMPLE	eo raemin									
AIR FOR	CE - EI	MENDORF AIR I	FORC	E BASE / AK057302	2864900	) / NPL /	BRAC	2005 R	ealignn	nent / RA	В														
	IR	P Sites and MRSs by 0	Classific	ation		Study	84	2	1	5	51	0			\$45,477	\$3,328	\$2,726	\$2,036	\$272	\$869	\$374	\$2,273	FY13	\$5,466	\$2,61
Response Complete		Response Complete	0			IRA	3(4)	0(0)	0(0)	0(0)					\$1,853	\$0	\$0		\$0	\$0	\$0		FY14	\$3,287	\$84
High	0	MRSPP-1	0	MRSPP-7	0	Design	14	0	0	0	0	0			\$5,437	\$0	_		\$0	\$0			FY15	\$4,959	\$20
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	30	0	1	0	4	5			\$18,273	\$0	\$0	\$0	\$165	\$0	\$37		FY16	\$2,815	\$18
Low	2	MRSPP-3	0	Evaluation Pending	7	RA-O	4	0	21	0	5	0			\$22,942	\$0	\$1,077	\$0	\$2,258	\$0	\$3,297		FY11-Comp		\$63,93
Not Evaluated	51	MRSPP-4	0	No Known/Suspected	0	LTM	12	0	10	0	23	4			\$4,472	\$0	\$0		\$155	\$0	\$218		FY11-Comp		\$9,63
Not Required	21	MRSPP-5	0	No Longer Required	0	-		FY 203		MRS Fina		2019		Total	\$98,454	\$3,328	\$3,803	\$2,036	\$2,850	\$869	\$3,926	\$2,273	FY11-Comp	lete	\$73,56
Total IRP Sites	136	MRSPP-6	0	Total MRSs	7	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future														
IRP Prog in FY IRP Progress Plan for FY11-FY	710: ned Refe	r to Page F-54.										MMRI	Progres	in FY10:	Refer to Page										
AIR FOR	CE - GA	ALENA FOL / AK	057302	865500 / BRAC 200	5 Closu	ıre / RAl	3 / C-E	ST																	
1	IR	P Sites and MRSs by (	Classific	ation		Study	10	0	17	1	0	0			\$13,431	\$64	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,246	5
Response Complete		Response Complete	0			IRA	1(1)	0(0)	0(0)	0(0)					\$5,647	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$1,288	5
High		MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	17	0			\$8,000	\$0	\$8,000	\$0	\$13,046	\$0	\$0		FY15	\$1,452	5
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	17	0			\$3,371	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,848	S
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	16	0			\$5,904	\$0	\$5,166	\$0	\$16,366	\$0	\$378	\$0	FY11-Comp	IRP	\$65,64
Not Evaluated	17	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	17	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	0	MRS Fina	al RC: FY	2011		Total	\$36,353	\$64	\$13,166	\$0	\$29,412	\$0	\$378	\$0	FY11-Comp	lete	\$65,64
Total IRP Sites	27	MRSPP-6	0	Total MRSs	1																				
in FY	710:	r to Page F-78.				-								in FY10:	Refer to Page										
IRP Progress Plan for FY11-FY		r to Page F-78.										MMRI		s Planned 711-FY12:	Refer to Page	F-78.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installatio	on / FFID / NPL or Propo	sed NI	L/BF	RAC Y	ear / I	RAB/	CTC D	elta f	rom F	Y09*											
				Com	pleted	Und	erway	Fut	ure	FY10 S	Schedule	Costs T	hrough	FY10	Funds				Planning			
			Phase			IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estima	ated Costs	(\$000)
						Sites (A					MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
Alaska																						
	E - KING SALMON / A)	K057302866900 / RAB / C-EST																				
AMCTORE	IRP Sites and MRSs by		Study	34	1	6	7	9	0			\$13,575	\$1.642	\$0	\$830	\$768	\$2.010	So	\$4.588	FY13	\$2,139	\$6
Response Complete	20 Response Complete	Classification	IRA	10(13)	0(0)	1(1)	0(0)	-	0			\$17,799	\$1,042	\$0	\$0	\$0	\$2,010	_		FY14	\$14,132	\$2
High	0 MRSPP-1	0 MRSPP-7	0 Design	+	0(0)	0	0(0)	0	2			\$1,634	\$0	\$0	\$0	\$0 \$0	\$0	_	_		\$14,132	3
ledium	1 MRSPP-2	0 MRSPP-8	0 RA-C		0	2	0	5	7			\$9,272	\$0	\$3,705	\$0	\$1,350	\$0	\$0		FY16	\$1,321	1
ow	8 MRSPP-3	0 Evaluation Pending	7 RA-C	+			0	-	2			\$8,427		\$5,703	\$0 \$0		-					\$2
ow ot Evaluated	8 MRSPF-3 10 MRSPP-4	No Known/Suspected		+	0	11	-	0				\$6,182	\$0			\$332	\$0			FY11-Comp FY11-Comp		_
		· · ·	0 LTM	•	0	0	0	0	7				\$0	\$675	\$0	\$161	\$0			<del></del>		\$2
lot Required		0 No Longer Required		Final RC:				al RC: FY	2014		Total	\$56,889	\$1,642	\$4,898	\$830	\$2,611	\$2,010	\$1,527	\$4,588	FY11-Comp	olete	\$5
otal IRP Sites	49 MRSPP-6	0 Total MRSs	8 Five-	Year Revi	ew Compl	eted and	Planned fo	or Future														
in FY1	ed MNA AT ZONE 1 through 5; R.	Data Gap; REMEDIAL ACTION; Monitoring NE 3 BLUFF TREAT/ 5 YR REVIEW; and M A-C (Title II); ROD/DD; and RA-C.	Well Inventor NA AT ZON	y; MNA AT E 5.	ZONE 1; N	INA AT ZU	ONE 2 AND	4 AND 5	MMRI	P Progres	in FY10:	was awarde	d in FY10.				MMRP Site	s were score	d under the Mi	RSPP requirement.	A basewide Kl	with EE/C
▲ AIR FORC	E - NIKOLSKI RADIO	RELAY STATION / AK057302	868400 /	C-TECI	H																	
	IRP Sites and MRSs by		Study		0	1	0	1	0			\$3,091	\$0	\$203	\$0	\$8,954	\$0	so so	\$0	FY13	\$139	
Response Complete	5 Response Complete	0	IRA	2(2)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	S		FY14	\$1,287	
ligh	0 MRSPP-1	0 MRSPP-7	0 Design	+	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0			FY15	\$136	
ledium	2 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	6	0	0	0			\$6,425	\$0	\$0	\$0	\$415	\$0	SO		FY16	\$145	
ow	5 MRSPP-3	0 Evaluation Pending	0 RA-C	+	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$1
Not Evaluated	1 MRSPP-4	0 No Known/Suspected	0 LTM	+	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$57	_	FY11-Comp		42
lot Required	1 MRSPP-5	No Longer Required		Final RC:			-	al RC: FY			Total	\$9,516	\$0	\$203	\$0	\$9,369	\$6	\$211		FY11-Comp		\$1
otal IRP Sites	14 MRSPP-6	0 Total MRSs	_	Year Revi				arke: F	-		Total	\$9,510	φυ	\$203	φυ	\$9,309	φι	3211	, şu	r i i i - Comp	nete	Ψ
	ed No projects in FY11								MMRI	P Progres	P Progress in FY10: ss Planned 711-FY12:											
♦ AIR FORCE	E - POINT LAY / AK05	7302869700 / RAB / C-TECH																				
•	IRP Sites and MRSs by	Classification	Study	8	0	1	0	0	0			\$1,041	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$278	
tesponse Complete	8 Response Complete	0	IRA	2(2)	0(0)	0(0)	0(0)	İ				\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$100	
ligh	0 MRSPP-1	0 MRSPP-7	0 Design	<b>1</b> 0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$81	
Iedium	0 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	0	0	1	0			\$794	\$0	\$0	\$0	\$12,059	\$0	\$0			\$210	
ow	1 MRSPP-3	0 Evaluation Pending	0 RA-C	+	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$
ot Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	+ -	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$105	_	FY11-Comp		Ψ.
ot Required	0 MRSPP-5	0 No Longer Required		•		Ů	-				Total	\$1,920	\$0	\$0	\$0	\$12,059	\$6	\$105		FY11-Comp		\$:
-	9 MRSPP-6	U 1	o IKP	Final RC:	FY 201	4	VIKS FIN	al RC: FY	-		1 otai	\$1,920	\$0	\$0	\$0	\$12,059	\$0	\$105	\$0	r 111-Comp	nete	
otal IRP Sites		0 Total MRSs	0																			
IRP Progre in FY1	ess No projects in FY10 0:									MMRI	P Progress in FY10:	No MMRP	sites identifie	ed.								
IRP Progress Plann for FV11-FV1	ed RA-C; and RA-C (Title II).								MMRI		ss Planned	No MMRP	sites identific	ed.								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Don Com	onent - Installatio	n / FFID / NPL or Prop	osed N	PL/B	RAC Y	ear / ]	RAB/	CTC I	)elta f	rom F	Y09*											
				Con	mpleted	Und	lerway	Fut	ure		Schedule	Costs Thi		FY10		FY11 Exc				T	. 10 .	(4000)
			Phas	e IRP	MMR	P IRP	MMRP	IRP	MMRP	Imp	oact**	FY10 (\$	000) C	Obligate	d (\$000)	Planned	(\$000)	Estima	ate (\$000)	Estima	ated Costs	(\$000)
						Sites (A	(Actions)			IRP	MMRP	IRP M	IMRP	IRP	MMRP	IRP N	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
laska																						
AIR FORCE	- POINT LONELY DO	OME / AK057302867700 / C-TI	ЕСН																			
	IRP Sites and MRSs by 0		Stud	v 14	0	0	0	0	0			\$741	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY13	\$26,224	
esponse Complete	12 Response Complete	0	IRA	-	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	s		FY14	\$63	
igh	0 MRSPP-1	0 MRSPP-7	0 Desig		0	0	0	0	0			\$25	\$0	\$0	\$0	\$0	\$0	_		FY15	\$0	
ledium	0 MRSPP-2	0 MRSPP-8	0 RA-		0	1	0	0	0			\$11,338	\$0	\$159	\$0	\$0	\$0	s		FY16	\$0	
ow	1 MRSPP-3	0 Evaluation Pending	0 RA-	-	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	s		FY11-Comp	. IRP	\$2
ot Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTN	_	0	1	0	1	0			\$0	\$0	\$0	\$0	\$19	\$0	\$2	_	FY11-Comp		
ot Required	1 MRSPP-5	0 No Longer Required			C: FY 20	11	MRS Fina	al DC+ E		_	Total	\$12,104	\$0	\$159	\$0	\$19	\$0	\$2		FY11-Comp		\$2
otal IRP Sites	14 MRSPP-6	0 Total MRSs			iew Plann			ai KC. I			1000	V12,101	ΨΟ	4107	φσ	417	φο		φσ	T T T Comp	icte	
	S EA & FONSI; and BD/DR.	2 0 000 0 000								MMDI	P Progress	No MMRP site	idtiGi	1								
in FY10										WINIKI	in FY10:	NO WINIKE SIG	es identified	1.								
IRP Progress Planne									MMRI			No MMRP site	es identified	i.								
for FY11-FY12	:									for FY	711-FY12:											
A		**************************************																				
AIR FORCE	: - WAINWRIGHT / AF	K057302871600 / RAB / C-TEC	СН							-												
	IRP Sites and MRSs by 0	Classification	Stud	<b>y</b> 8	0	0	0	2	0			\$1,256	\$0	\$42	\$0	\$0	\$0	s	0 \$0	FY13	\$19,696	
esponse Complete	6 Response Complete	0	IRA	. 0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$	0 \$0	FY14	\$1,081	
igh	0 MRSPP-1	0 MRSPP-7	0 Desig	<b>n</b> 0	0	0	0	0	0			\$22	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY15	\$44	
ledium	1 MRSPP-2	0 MRSPP-8	0 RA-	0	0	1	0	2	0			\$13,620	\$0	\$1,825	\$0	\$4,570	\$0	s	0 \$0	FY16	\$74	
ow	1 MRSPP-3	0 Evaluation Pending	0 RA-	0 0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY11-Comp	. IRP	\$2
ot Evaluated	2 MRSPP-4	0 No Known/Suspected	0 LTM	1 0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$21	\$0	\$4,01	0 \$0	FY11-Comp	. MMRP	
ot Required	0 MRSPP-5	0 No Longer Required	0 IRI	Final R	C: FY 20	12	MRS Fina	al RC: F	Y -		Total	\$14,898	\$0	\$1,867	\$0	\$4,591	\$0	\$4,01	\$0	FY11-Comp	lete	\$2
otal IRP Sites	10 MRSPP-6	0 Total MRSs	0																	_		
		sed FS; and Remedial Action - Construction.								MMRI		No MMRP site	es identified	i.								
in FY10	:										in FY10:											
IDDD DI									10 m	D D	DI 1											
for FY11-FY12	fl RA-C; and RA-C (Title II).								MMK		X11-FY12:	No MMRP site	es identified	i.								
FORMERLY	Y USED DEFENSE SIT	ES - AGATTU ISLAND / AKO	)9799F25	1500 / C	-EST																	
	IRP Sites and MRSs by 0		Stud	_	0	1	0	0	0	1		\$49	\$0	\$0	\$0	\$506	\$0	\$5,66	2 \$0	FY13	\$202	
		lassification	IRA	-	-	0(0)	0(0)	-	0	-		\$0	\$0	\$0	\$0	\$0	\$0	\$5,00		FY14	\$10,445	
esponse Complete	0 Response Complete 1 MRSPP-1	0 MRSPP-7	0 Desig		0(0)	0(0)	0(0)	1	0			\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$		FY14 FY15	\$10,445	
ledium	0 MRSPP-2	0 MRSPP-8	0 RA-	,	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	s		FY16	\$1,413	
ow	0 MRSPP-3	0 Evaluation Pending	0 RA-		0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	s		FY11-Comp		\$1
U 11	0 MRSPP-4	No Known/Suspected	0 KA-	_	0	0	0	0	0	_		\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$ \$	_	FY11-Comp		<b>.</b>
ot Evaluated	0 MRSPP-5	0 No Longer Required				Ů					Total	\$0 \$49	\$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 <b>\$0</b>	\$506	\$0	\$5,66		FY11-Comp		\$1
ot Evaluated				rmal R(	C: FY 20:	40	MRS Fina	arkC: F	Y -		1 otai	\$49	\$0	\$0	\$0	\$506	\$0	\$5,66	50	1 1 1 1 1 - Comp	nete	, Þ
ot Required			0 1K1																			
	1 MRSPP-6	0 Total MRSs	0																			
ot Required otal IRP Sites	1 MRSPP-6  8 No work completed due to lack of	0 Total MRSs	0							MMRI	P Progress in FY10:	No MMRP site	es identified	i.								

for FY11-FY12: Award a RI/FS contract and conduct the RI in FY12.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

202 Comp	onent - Instanatio	on / FFID / NPL or Propo	oscu 111	L/DN	ACI	ear / I	KAD / J	CICL	ena i	rom F	Y 09*											
				Com	pleted	Und	lerway	Fut	ure		Schedule	Costs T		FY10					Planning	E-4:	4-1 C-4-	(\$000)
			Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	pact**	FY10 (	(\$000)	Obligate	d (\$000)	Planned	(\$000)	Estim	ate (\$000)	Estima	ited Costs	(\$000)
						Sites (A	(Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Alaska																						
FORMERLY	USED DEFENSE SIT	ΓES - AMCHITKA AF AUXILI	IARY FIE	LD / AF	09799F	709900	)															
	IRP Sites and MRSs by		Study	2	0	0	1	0	0			\$4,826	\$4,216	\$0	\$679	\$0	\$104	S	0 \$2	FY13	\$2,400	
Response Complete	Response Complete		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	S		FY14	\$613	\$1,:
High	1 MRSPP-1	0 MRSPP-7	0 Design	0	0	1	0	0	1			\$391	\$0	\$157	\$0	\$15	\$0	\$1			\$795	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	1	0	1	0	0	1			\$662	\$0	\$0	\$0	\$0	\$0	\$10		FY16	\$104	
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	S		FY11-Comp		\$4,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	1	0	1	0	0	1			\$48	\$0	\$0	\$0	\$0	\$0	S		FY11-Comp		\$175
Not Required	0 MRSPP-5	No Longer Required		Sinal P.C.	FY 201		MRS Fina			_	Total	\$5,927	\$4,216	\$157	\$679	\$15	\$104	\$12		FY11-Comp		\$179,
Total IRP Sites	2 MRSPP-6	0 Total MRSs	1 1 1 1 1	iliai KC:	F1 201	3	WIKS FIII	ai KC; F:	1 2054		Total	\$3,721	\$4,210	\$157	3079	913	\$104	\$12	2 92	T I I I - Comp	iete	ψ177,
	Site visit field work awarded.	Total Mixos								MMRI	P Progress	CI anatanat a		.al CDV Ja	-it 1	1		tintt-	d =1===i== ====	cess for FY11 Site I		
in FY10										IVIIVIIXI	in FY10:	Si contract a	iwarded throi	ign SPK de	sign center. 1	nteragency pi	anning mee	tings starte	d pianning prod	cess for F Y 11 Site II	nvestigation.	
		site conditions in conjunction with MMRP SI.							MMRI	P Progres	ss Planned	FY11 SI fie	ld work and r	eporting.								
for FY11-FY12										Ior F	Y11-FY12:											
FORMERIA	A LIGHED DEFINISE OF	PEG ATIVA CARE VIINIGNA	W / A W / O O	500E 4.3	0000 / 0	FOT																
FORMERLY	USED DEFENSE SI	TES - ATKA CAPE KUDUGNA		799FA3		-EST				_										1		
	IRP Sites and MRSs by	Classification	Study	0	0	0	0	3	0			\$0	\$0	\$0	\$0	\$0	\$0	\$8		FY13	\$344	
Response Complete	0 Response Complete		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	S		FY14	\$3,033	
High	1 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$		FY15	\$607	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	3	0			\$0	\$0	\$0	\$0	\$158	\$0	S		FY16	\$4,401	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$	_	FY11-Comp		\$10,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	S	0 \$0	FY11-Comp	. MMRP	
Not Required	2 MRSPP-5	0 No Longer Required	0 IRP I	inal RC:	FY 201	9	MRS Fina	al RC: F	Y -		Total	\$0	\$0	\$0	\$0	\$158	\$0	\$8	1 \$0	FY11-Comp	lete	\$10,
Total IRP Sites	3 MRSPP-6	0 Total MRSs	0																			
IRP Progress	No work was scheduled to be d	one during 2010.								MMR	P Progress	No MMRP	sites identifie	d.								
in FY10											in FY10:											
IDD Dugguege Dlanner	Later and the second								MMDI	D Duo ouo	aa Dlannad											
for FY11-FY12	Initiate building demolition and	debris removal of buildings and structures.							MINIKI		ss Planned Y11-FY12:	No MMRP	sites identifie	d.								
FORMERLY	USED DEFENSE SI	TES - ATTU ISL MIL SITES / A	AK09799F	254500	/ C-TEC	Н																
	IRP Sites and MRSs by		Study	0	1	1	3	1	0			\$911	\$274	\$376	\$0	\$0	\$0	\$2,02	2 80	FY13	\$448	
Response Complete	0 Response Complete		IRA	0(0)	0(0)	0(0)	0(0)	<u> </u>				\$0	\$0	\$0	\$0	\$0	\$0	\$2,02		FY14	\$41	
High	1 MRSPP-1	0 MRSPP-7	0 Design	+	0(0)	0(0)	0(0)	2	3			\$0	\$0	\$0	\$0	\$0	\$0	\$		FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	1	0	0	2	3			\$73	\$1	\$0	\$0	\$0	\$0	\$		FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	2 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	S S		FY11-Comp	30	\$31,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	4			\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0	S S		FY11-Comp		\$40.
Not Required	1 MRSPP-5	1 No Longer Required					-				Tr. 4-1			\$376	\$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 \$0	\$2,02		FY11-Comp		\$40 \$71.
· ·	2 MRSPP-6		1 IRP I	mal RC:	FY 201	y	MRS Fina	ai RC: F	Y 2027		Total	\$984	\$275	\$376	\$0	\$0	\$0	\$2,02	2 \$0	F 111-Comp	iete	ه/1,
Total IRP Sites		0 Total MRSs	4																			
	Awarded contract to begin inter	agency planning for future site work.								MMRI	P Progress	No funding.	No work.									
IRP Progress in FY10		agency planning for fatale site work.									in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	n / FI	FID / NPL or Pr	opose	d NPI	. / BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*											
·						Com	pleted	Und	erway	Fut	ure			Costs Th					xecution			Estimo	ited Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (S	\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estillia	iteu Costs	(\$000)
							-	Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Alaska																								
FORMERLY	USED DEFENSE SITI	ES - B	URMA ROAD / AK	09799F	696100	/ C-TE	CH / C-1	EST																
	IRP Sites and MRSs by C				Study	2	0	0	5	0	0			\$212	\$217	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,416	\$(
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$62	\$(
High	1 MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	0	5			\$153	\$0	\$0	\$0	\$0	\$0	\$11		FY15	\$434	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	0	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$92	\$6
Low	0 MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$2,01
Not Evaluated	0 MRSPP-4	3	No Known/Suspected	0	LTM	0	0	0	0	1	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$26,13
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	8	MRS Fina	ıl RC: FY	2023		Total	\$365	\$217	\$0	\$0	\$0	\$0	\$11	\$0	FY11-Comp	lete	\$28,15
Total IRP Sites	2 MRSPP-6	0	Total MRSs	5										•			•	•	•					•
in FY10:	No work was planned to be conducted by the conducted by the second conducted by the conduc			ding consti	raints.						MMRI	Progres	in FY10:	No work was				xt two years	due to fundin	ng constraint	s.			
FORMERLY	USED DEFENSE SITI	ES - B	USKIN BCH-KODI	AK ISI	L / AK09	799F71	.0200 / 0	C-EST																
<b>-</b>	IRP Sites and MRSs by C	Classific	ation		Study	2	0	0	0	0	0			\$3,448	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$400	\$
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,200	\$(
High	1 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	0			\$315	\$0	\$0	\$0	\$0	\$0	\$0			\$4,800	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	0	0			\$31,788	\$0	\$257	\$0	\$278	\$0	\$250	\$0	FY16	\$1,250	\$
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$11,67
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	0	0			\$377	\$0	\$15	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201:	5	MRS Fina	ıl RC: FY	7 -		Total	\$35,928	\$0	\$272	\$0	\$278	\$0	\$250	\$0	FY11-Comp	lete	\$11,67
Total IRP Sites	2 MRSPP-6	0	Total MRSs	0	1																			
in FY10:	Completed contracting actions an Conduct soil gas survey, finalize			ent of TCE	contaminat	ion in soils					MMRI	Progres	in FY10:	No MMRP si										
FORMERLY	USED DEFENSE SITE	ES - C	APE YAKAK RADI	O STA	/ AK09	799F25	3000 / C	C-EST																
•	IRP Sites and MRSs by C	Classific	ation		Study	1	0	1	0	0	0			\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,022	\$
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	1 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$304	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	S
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$10,86
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	5
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	8	MRS Fina	ıl RC: FY	7 -		Total	\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,86
Total IRP Sites	2 MRSPP-6	0	Total MRSs	0										•										
in FY10:	No funding. No work.  No funding planned for the next t	wo years			-						MMRF		in FY10:	No MMRP si										

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP S   Response Complete	ites and MRSs by Classi esponse Complete RSPP-1 RSPP-2 RSPP-3 RSPP-4	0 MRSPP-7 0 MRSPP-8 1 Evaluation Pending	Phase F278300 Study IRA 0 Design 0 RA-C	1 0(0)	0		MMRP actions)	Fut IRP		Imp	Schedule pact**	Costs Thre FY10 (\$0	00) O	FY10 Foligated	1 (\$000)	FY11 Ex Planned IRP		Estima	Planning te (\$000)		ted Costs	
FORMERLY USED   IRP S   tesponse Complete   0   R   tigh   1   M   Medium   0   M   M   Medium   0   M   M   Medium   0   M   M   M   M   M   M   M   M   M	ites and MRSs by Classi esponse Complete RSPP-1 RSPP-2 RSPP-3 RSPP-4	In the second column   In the second column	F278300 Study IRA 0 Design	1 0(0)	0			IRP	MMRP			,	-	-								
FORMERLY USED   IRP S   tesponse Complete   0   R   tigh   1   M   Medium   0   M   M   Medium   0   M   M   Medium   0   M   M   M   M   M   M   M   M   M	ites and MRSs by Classi esponse Complete RSPP-1 RSPP-2 RSPP-3 RSPP-4	In the second column   In the second column	Study IRA 0 Design	1 0(0)	0					_	MMRP	IRP M	MRP	IRP 1	имрр	IDD	MMDD	IDD	MADD		IDD	
FORMERLY USED   IRP S   tesponse Complete   0   R   tigh   1   M   Medium   0   M   M   Medium   0   M   M   Medium   0   M   M   M   M   M   M   M   M   M	ites and MRSs by Classi esponse Complete RSPP-1 RSPP-2 RSPP-3 RSPP-4	In the second column   In the second column	Study IRA 0 Design	- ` ′		1									ATTAITAT	IKP	WINKE	IKP	MMRP	Fiscal Year	III	MMRP
IRP S   Response Complete	ites and MRSs by Classi esponse Complete RSPP-1 RSPP-2 RSPP-3 RSPP-4	In the second column   In the second column	Study IRA 0 Design	- ` ′		1																
Response Complete         0         R           ligh         1         M           Medium         0         M	esponse Complete RSPP-1 RSPP-2 RSPP-3 RSPP-4	0 MRSPP-7 0 MRSPP-8 1 Evaluation Pending	IRA  0 Design	- ` ′		1																
Response Complete         0         R           ligh         1         M           Medium         0         M	esponse Complete RSPP-1 RSPP-2 RSPP-3 RSPP-4	0 MRSPP-7 0 MRSPP-8 1 Evaluation Pending	0 Design	- ` ′			2	1	0			\$1,085	\$3,449	\$0	\$2,053	\$582	\$1,954	\$66	\$4,289	FY13	\$1,019	\$4,28
Iigh         1         M           Medium         0         M	RSPP-1 RSPP-2 RSPP-3 RSPP-4	0 MRSPP-8 1 Evaluation Pending	Ü	t	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$238	\$2,78
	RSPP-3 RSPP-4	1 Evaluation Pending	0 RA-C	1	0	1	0	0	2			\$572	\$0	\$7	\$0	\$0	\$0	\$34		FY15	\$7	\$4,4
ow 0 M	RSPP-4	- v		1	0	1	0	1	2			\$1,895	\$0	\$0	\$0	\$2,760	\$0	\$2,455	\$0	FY16	\$224	\$4,7
			1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$12,9
lot Evaluated 0 M		No Known/Suspected	0 LTM	0	0	0	0	1	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$224,8
Not Required 2 M	RSPP-5	0 No Longer Required	0 IRPF	inal RC:	FY 2030	0	MRS Fina	al RC: F	Y 2030		Total	\$3,552	\$3,449	\$7	\$2,053	\$3,342	\$1,954	\$2,555		FY11-Comp		\$237,7
Total IRP Sites 3 M	RSPP-6	0 Total MRSs	2		11 200		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				1	,	,,,		, , ,	1.7.	. , , .	. , ,	. , ,			
IRP Progress Conduct in FY10:	ed some remedial design work	on the CON/HTRW project.								MMRI	Progress in FY10:	Huntsville USA in Anchorage a	CE awarde	ed a contract to the site	t to conduct for a Site Vi	RI/FS throug sit that include	gh Decision I ded contracto	Oocument or ors, USACE	n both MMRP and regulator	and CWM sites. C	onducted a Pre	TPP Meeting
IRP Progress Planned Initiate r for FY11-FY12:	emoval work on drums and tan	nks. Complete the removal of structures a	nd debris.						MMRI	P Progres	ss Planned 711-FY12:	Conduct 3 TPP weaponry will b	Meetings is e assessed.	n Anchorag . Contracto	e, develop R r to produce	I Work Plan RI Report, P	s, and conduction	ct Remedial and Decisi	Investigation on Document	in summer 2011. B Prepare a Pub	oth conventior	al and chemic
FORMERLY USED	DEFENSE SITES -	GREAT SITKIN ISL / AK	09799F26	60400 / C	C-EST																	
IRP S	ites and MRSs by Classi	ification	Study	0	1	1	0	0	0			\$980	\$76	\$0	\$0	\$0	\$0	\$492	\$0	FY13	\$3,384	:
Response Complete 0 R	esponse Complete	1	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$18,547	5
ligh 0 M	RSPP-1	0 MRSPP-7	0 Design	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$11,515	\$
Medium 1 M	RSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$10,110	:
ow 0 M	RSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$49,1
lot Evaluated 0 M	RSPP-4	0 No Known/Suspected	0 LTM	0	1	0	0	1	0			\$0	\$1	\$0	\$1	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
lot Required 0 M	RSPP-5	0 No Longer Required	1 IRP F	inal RC:	FY 2020	0	MRS Fina	al RC: F	Y 2004		Total	\$980	\$77	\$0	\$1	\$0	\$0	\$492	\$0	FY11-Comp	lete	\$49,1
Cotal IRP Sites 1 M	RSPP-6	0 Total MRSs	1									•	•			•			•			
IRP Progress No progrin FY10:	ress reported.	•								MMRI	Progress in FY10:	No progress rep	orted.									
IRP Progress Planned Initiate r for FY11-FY12:	emedial investigation for conta	aminated soils.							MMRI		ss Planned 711-FY12:	No actions plan	ned.									
FORMERLY USED	DEFENSE SITES -	HAINES FAIRBANKS PII	PELINE /	AK097	99F9807	700 / C-	EST		-'													
IRP S	ites and MRSs by Classi	ification	Study	0	0	1	0	0	0			\$4,380	\$0	\$892	\$0	\$0	\$0	\$900	\$0	FY13	\$100	
Response Complete 0 R	esponse Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$303	
ligh 0 M	RSPP-1	0 MRSPP-7	0 Design	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$3,100	
Medium 1 M	RSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$4,888	
ow 0 M	RSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$12,5
lot Evaluated 0 M	RSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	MMRP	
lot Required 0 M	RSPP-5	0 No Longer Required	0 IRP F	inal RC:	FY 2010	6	MRS Fina	al RC: F	Υ -		Total	\$4,380	\$0	\$892	\$0	\$0	\$0	\$900	\$0	FY11-Comp	lete	\$12,5
Total IRP Sites 1 M	RSPP-6	0 Total MRSs	0																	r		
IRP Progress RI/FS or in FY10:	sites identified by the ROST i	investigation in 2008.								MMRI	Progress in FY10:	No MMRP sites	identified									

for FY11-FY12: and the number of stakeholders and landowners.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Don Comb	onent - Instanation	n / FFID / NPL or Prop	seu m	L/DI	AC I	ear /	KAD /	CICI	Jena 1	rom r	109**											
				Con	pleted	Unc	lerway	Fut	ture		Schedule	Costs Tl		FY10			xecution		Planning	Fetime	ated Costs	(0002)
			Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	ate (\$000)	Estilla	ateu Costs	s (\$000 <i>)</i>
						Sites (A	Actions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
Alaska																						
_	USED DEFENSE SITE	ES - KISKA ISL GARR(B & I	.) / AK097	99F262	700 / C-	EST																
T-GATE-ATT-	IRP Sites and MRSs by C		Study	1	0	1	1	0	0			\$896	\$921	\$0	\$918	\$980	\$104	\$3,26	6 \$2	FY13	\$4,002	,
Response Complete	1 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)	-				\$0	\$0	\$0	\$0	\$0	\$101	\$5,20		ļ .	\$202	
High	0 MRSPP-1	0 MRSPP-7	0 Design		0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	s			\$17	
Medium	1 MRSPP-2	0 MRSPP-8	0 RA-C	1	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	s			\$0	
Low	0 MRSPP-3	Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	s		FY11-Comp	. IRP	\$9.
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	s				
Not Required	0 MRSPP-5	0 No Longer Required			FY 201	9	MRS Fin	al RC+ F			Total	\$896	\$921	\$0	\$918	\$980	\$104	\$3,26		FY11-Comp		\$16,
Total IRP Sites	2 MRSPP-6	0 Total MRSs	1	mai Re	11 201		WIND I'M	an RC. 1	1 2025			445.0	V		77.20	47.00		,,,,,,		TTT Comp	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1
	No progress reported.									MMR	P Progress	Awarded Ml	MRP SI cont	ract through	SPK Design	Center.						
in FY10	:										in FY10:											
IRP Progress Planner	I Initiate remedial investigation phase	ro.							MMRI	P Progre	ss Planned	Evanuta MM	IDD Site Vie	it and SI ran	ort							
for FY11-FY12		sc.							14114114		711-FY12:	Execute Wilv	iki site vis	it and 31 rep	ort.							
FORMERLY	USED DEFENSE SITE	ES - KODIAK NAVY/ARMY	AK09799	F91330	0 / C-ES	ST																
	IRP Sites and MRSs by C	lassification	Study	9	0	1	0	0	0			\$3,710	\$0	\$152	\$0	\$0	\$0	s	0 \$0	FY13	\$400	
Response Complete	9 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$	0 \$0	FY14	\$459	
High	0 MRSPP-1	0 MRSPP-7	0 Design	4	0	0	0	1	0			\$2,481	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY15	\$540	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	4	0	0	0	1	0			\$38,461	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY16	\$725	;
Low	0 MRSPP-3	Evaluation Pending	0 RA-O	1	0	0	0	1	0			\$227	\$0	\$0	\$0	\$0	\$0	\$	0 \$0	FY11-Comp	. IRP	\$13,
Not Evaluated	1 MRSPP-4	0 No Known/Suspected	0 LTM	4	0	3	0	1	0			\$1,667	\$0	\$692	\$0	\$401	\$0	\$38	9 \$0	FY11-Comp	o. MMRP	
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP I	inal RC	FY 201	.7	MRS Fin	al RC: F	Y -		Total	\$46,546	\$0	\$844	\$0	\$401	\$0	\$38	9 \$0	FY11-Comp	olete	\$13,
Total IRP Sites	10 MRSPP-6	0 Total MRSs	0 Five-	ear Revi	ew Planne	ed for Fu	ture					•							•	•		
		ulch. Conducted monitoring and maintenance	at Drury Gulc	h. At A-71	l, finalized	LTM Plan	and installed	I four new		MMR	Progress	No MMRP s	ites identifie	d.								
in FY10	wells per plan. Initiated monitoring	ng.									in FY10:											
IRP Progress Planner	Complete 5 year review for Drury	Gulch. Continue LTM for Drury Gulch and	A 711						MMRI	P Progre	ss Planned	No MMDD a	itas idantifia	A								
for FY11-FY12		Guicii. Continue ETW for Drury Guicii and	71-711.						11211220		711-FY12:	140 MINING S	nes identifie	u.								
FORMERLY	USED DEFENSE SITE	ES - KOGRU DEW (POW B)	AK09799	F25120	0 / RAB																	
'	IRP Sites and MRSs by C	lassification	Study	3	0	0	0	1	0			\$557	\$0	\$0	\$0	\$0	\$0	\$	0 \$0	FY13	\$1,200	
Response Complete	3 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY14	\$0	
High	1 MRSPP-1	0 MRSPP-7	0 Design	1	0	0	0	1	0			\$304	\$0	\$0	\$0	\$0	\$0	s		FY15	\$7,220	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	1	0	0	0	1	0			\$10,495	\$0	\$83	\$0	\$0	\$0	s	0 \$0	FY16	\$22,265	;
Low	o MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY11-Comp	. IRP	\$67,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	1	0	0	0	1	0			\$36	\$0	\$35	\$0	\$0	\$0	s		FY11-Comp		
Not Required	0 MRSPP-5	0 No Longer Required		inal RC	FY 202	20	MRS Fin	al RC: F	Y -		Total	\$11,392	\$0	\$118	\$0	\$0	\$0	s		FY11-Comp		\$67,
Total IRP Sites	4 MRSPP-6	0 Total MRSs	0									,							•			
	Closed out HTRW project for clea	1111								MMR	P Progress	No MMRP s	ites identifie	d.								
in FY10	! project for cica	-r									in FY10:											
milio																						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comi	oonent - Installatio	n / FFID / NPL or Propo	sed NP	L/BF	RAC Y	ear / F	RAB/	CTC I	)elta f	rom F	Y09*	7									
Dob com	John Historia	ir / 111D / 141E of 11opo	T T		pleted		erway		ture	_		Costs Through	FY10	Funds	FY11 E	xecution	FY12	Planning	1		
			Phase		MMRP						oact**	FY10 (\$000)		ed (\$000)		d (\$000)		ate (\$000)	Estima	ted Costs	(\$000)
			1 11450			Sites (A			.,	IRP	MMRP	IRP MMRF	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Alaska													l.								
_	V LICED DEFENCE CIT	ES - NE CAPE (ST LAWRENC	TE ICI AN	ID) / A I	700 <b>7</b> 00E	200000	/DAD/	C FET													
FORMERL			_	<del></del>			/ KAB /			_				1							
	IRP Sites and MRSs by C	Classification	Study	3	0	0	0	0	0			\$6,546 \$	\$0		\$0	\$0	\$(		FY13	\$6,000	
Response Complete	2 Response Complete	0	IRA	1(1)	0(0)	0(0)	0(0)			_		\$0 \$			\$0	\$0	\$(		FY14	\$1,365	
High	1 MRSPP-1	0 MRSPP-7	0 Design	2	0	0	0	0	0	-		\$1,496 \$			\$0	\$0	\$(		FY15	\$138	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	1	0	1	0	0	0	-		\$32,896 \$			_	\$0	\$9,200		FY16	\$100	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	1	0	-		\$0 \$	\$0		\$0	\$0	\$(		FY11-Comp.		\$28,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	1	0	0	0	1	0			\$5 \$	\$0		\$0	\$0	\$(		FY11-Comp.		
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP F	inal RC:	FY 201	4	MRS Fin	al RC: F	Y -		Total	\$40,943	\$8,342	\$0	\$9,600	\$0	\$9,200	\$0	FY11-Compl	.ete	\$28,
Total IRP Sites	3 MRSPP-6	0 Total MRSs	0																		
in FY10 IRP Progress Planne	<ul> <li>additional POL and PCBs still ren</li> <li>d Continue remedial activities over</li> </ul>	avate POL and PCB-contaminated soil, and so main. Site 9 landfill was capped. Monitored n the next two field seasons for the HTRW project	atural attenuat			was largel	y completed	, but	MMR	P Progre	in FY10:	No MMRP sites identi									
for FY11-FY12		ES - PORT HEIDEN / AK0979	9F251700							for F	Y11-FY12:										
TORMERCE			Study	2	0	1	0	0	0			\$191 \$	\$130	\$0	\$0	\$0	\$(	0 \$0	FY13	\$0	
n a 1/1	IRP Sites and MRSs by C	Liassification	IRA	2(2)	0(0)	0(0)	0(0)	0	0	-		\$0 \$	_				\$1		FY14	\$0	
Response Complete High	2 Response Complete 0 MRSPP-1	0 MRSPP-7	0 Design	2(2)	0(0)	0(0)	0(0)	1	0	-		\$31 \$					SI		FY14 FY15	\$0 \$0	
Medium	1 MRSPP-2	0 MRSPP-8	0 RA-C	2	0	0	0	1	0			\$3,044 \$					Si Si		FY16	\$0 \$0	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	0	0			\$0 \$			\$0		Si		FY11-Comp.		\$15,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	2	0	0	0		0	-		\$33 \$					Si		FY11-Comp.		\$15,
Not Required	0 MRSPP-5	0 No Longer Required						I D.C. E		_	Total				\$0	\$0 \$0	\$1		FY11-Compl		\$15.
· ·	3 MRSPP-6		O IRPF	inal RC:	FY 201	7	MRS Fin	al RC: F	Y -		Total	\$3,299 \$	\$132	\$0	\$0	\$0	\$1	50 \$0	F 111-Compi	ete	\$15,
Total IRP Sites		0 Total MRSs	0																		
in FY10 IRP Progress Planne	e areas of soil contamination.	the property and developed an Examination of ion work plans for the property to locate all are tuct the RI in FY12.							MMRI	P Progre	in FY10:	No MMRP sites identi No MMRP sites identi									
FORMERL	Y USED DEFENSE SIT	ES - SCOTCH CAP / AK09799	F252100																		
•	IRP Sites and MRSs by C	Classification	Study	1	0	0	0	1	0			\$21 \$	\$0	\$0	\$0	\$0	\$400	0 \$0	FY13	\$83	
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$	\$0	\$0	\$0	\$0	S	0 \$0	FY14	\$2,920	
High	1 MRSPP-1	0 MRSPP-7	0 Design	1	0	0	0	1	0			\$0 \$	\$0	\$0	\$0	\$0	S	0 \$0	FY15	\$1,023	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	2	0			\$0 \$	\$0	\$0	\$0	\$0	S	0 \$0	FY16	\$3,692	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	0	0			\$0 \$	\$0	\$0	\$0	\$0	S	0 \$0	FY11-Comp.	IRP	\$10,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	0			\$0 \$				\$0	S		FY11-Comp.		
Not Required	1 MRSPP-5	0 No Longer Required		inal RC	FY 201	9	MRS Fin	al RC: F			Total	\$21 \$			\$0		\$400		FY11-Compl		\$10.
Total IRP Sites	2 MRSPP-6	0 Total MRSs	0		201															-	
	S No work performed in FY10.									MMR	P Progress in FY10:	No MMRP sites identi	fied.								
IRP Progress Planne		ars. A Site Investigation in planned to start in	FY13.						MMRI		ss Planned	No MMRP sites identi	fied.								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

				Phase		npleted MMRI		lerway MMRP	Futu IRP M			Schedule act**	Costs Tl FY10 (		FY10 l Obligate					Planning te (\$000)	Estimated Cos	s (\$000)
							Sites (A	Actions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMR
Alaska																						
_	Y USED DEFENSE SITI	ES - TANAG	GA ISL / AK0979	9F271800	/ C-EST	,																
<b>Y</b>	IRP Sites and MRSs by C	Classification		Study	y 1	0	1	1	1	0			\$3,871	\$1,826	\$248	\$182	\$80	\$0	\$170	\$0	FY13 \$4,1:	3
Response Complete	0 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14 \$1,22	5
ligh	1 MRSPP-1	0 MRSP	SPP-7	0 Desig	<b>n</b> 0	0	1	0	1	1			\$330	\$0	\$0	\$0	\$0	\$0	\$280	\$0	FY15 \$6,30	3
/ledium	0 MRSPP-2	0 MRSP	SPP-8	0 RA-0	C 0	0	1	0	1	1			\$1,832	\$0	\$0	\$0	\$0	\$0	\$0		FY16 \$1,54	)
ow	0 MRSPP-3	0 Evalua	uation Pending	1 RA-0	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. IRP	\$17
Not Evaluated	0 MRSPP-4	0 No Kn	Known/Suspected	0 LTM	0 ]	0	0	0	2	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MMR	\$25
												Total	\$6,033	\$1,826	\$248	\$182	\$80	\$0	\$450	\$0	FY11-Complete	\$43.
lot Required	2 MRSPP-5	0 No Loi	Longer Required	0 IRP	Final RC	: FY 202	21	MRS Fina	al RC: FY	2023		10141				9102	300	φυ	9430	50	r i ii-Compiete	φ+3,
Total IRP Sites	3 MRSPP-6  S Continuing to develop the HTRW	O Total I	ıl MRSs	0 IRP	Final RC	: FY 202	21	MRS Fina	al RC: FY	2023	MMRF		, , , ,	, , ,		d MMRP RIs	***	,рU	9430	,50	r 111-Complete	943
in FY10	3 MRSPP-6  S Continuing to develop the HTRW:  d Complete Remedial Investigation	0 Total N	al MRSs and RAs.	1					al RC: FY		Progres	Progress in FY10:	Continuing t	o develop the	e HTRW and	d MMRP RIs	and RAs.	ability Study			for both HTRW and MMRP pro	
IRP Sites  IRP Progress in FY10  IRP Progress Planner for FY11-FY12	3 MRSPP-6  S Continuing to develop the HTRW:  d Complete Remedial Investigation	0 Total N  and MMRP RIs an  Report, Risk Assen	and RAs.	and Decision D	ocument for	both HTRW			al RC: FY		Progres	Progress in FY10:	Continuing t	o develop the	e HTRW and	d MMRP RIs	and RAs.	ability Study			•	
IRP Sites  IRP Progress in FY10  IRP Progress Planner for FY11-FY12	3 MRSPP-6  S Continuing to develop the HTRW:  d Complete Remedial Investigation:	Total N  and MMRP RIs an  Report, Risk Assen  ES - UMIAT	and RAs.	and Decision D	RAB / C	both HTRW			al RC: FY		Progres	Progress in FY10:	Continuing t	o develop the	e HTRW and	d MMRP RIs	and RAs.	ability Study		on Document	•	ects.
IRP Sites  IRP Progress in FY10  IRP Progress Planner for FY11-FY12	3 MRSPP-6  S Continuing to develop the HTRW:  d Complete Remedial Investigation:  Y USED DEFENSE SITI	Total N  and MMRP RIs an  Report, Risk Assen  ES - UMIAT	and RAs.	and Decision D	RAB / C	both HTRW				MMRF	Progres	Progress in FY10:	Continuing t	o develop the	e HTRW and	d MMRP RIs	and RAs.	ability Study \$0 \$0	and Decision	S0	FY13 S5,2' FY14 Sb	ects.
IRP Progress in FY10  IRP Progress Planner for FY11-FY12  FORMERLY  Response Complete	3 MRSPP-6  8 Continuing to develop the HTRW: : d Complete Remedial Investigation: : Y USED DEFENSE SITU	0 Total N / and MMRP RIs an Report, Risk Assen  ES - UMIAT Classification 0 MRSPi	and RAs.  sement, Feasability Study a  T AFS / AK097991	and Decision D F273100 / Study	RAB / C y 3 0(0)	both HTRW	V and MMR	tP projects.		MMRF	Progres	Progress in FY10:	Continuing t	o develop the	\$273 \$0	d MMRP RIs	and RAs.	ability Study  S0 S0 S0	and Decision	S0 S0 S0	FY13 S5.2' FY14 S10 FY15 S30	ects.
IRP Progress in FY10  IRP Progress Planner for FY11-FY12  FORMERLY	3 MRSPP-6  S Continuing to develop the HTRW:  d Complete Remedial Investigation:  Y USED DEFENSE SITI IRP Sites and MRSs by C  Response Complete	0 Total North American Mark Assential Report, Risk Assential Resolution The Classification 0	and RAs.  sement, Feasability Study a  T AFS / AK097991	and Decision D F273100 / Study IRA	RAB / C y 3 0(0) n 2	5-TECH 0 0(0)	V and MMR	0 0(0)	3	MMRF	Progres	Progress in FY10:	Continuing t  Complete Re \$3,983 \$1,066	o develop the	e HTRW and stigation Rep	d MMRP RIs	and RAs. sement, Feas	ability Study  S0 S0 S0 S0	\$238	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	FY13 S5,2 FY14 Sh FY15 S3 FY16 S3	ects.
IRP Progress in FY10  IRP Progress Planner for FY11-FY12  FORMERLY  Response Complete ligh  Medium  Low	3 MRSPP-6  8 Continuing to develop the HTRW: : d Complete Remedial Investigation: : Y USED DEFENSE SITI IRP Sites and MRSs by C 2 Response Complete 3 MRSPP-1 1 MRSPP-2 0 MRSPP-3	0 Total North Assentiation of MRSPi of Evaluar	and RAs.  Sement, Feasability Study at TAFS / AK09799.  SPP-7 SPP-8 uation Pending	and Decision D F273100 / Study IRA 0 Desig	RAB / C y 3 0(0) n 2 2 2	5-TECH 0 0(0) 0	V and MMR	0 0(0)	3 2	0 0	Progres	Progress in FY10:	Continuing t  Complete Re  \$3,983 \$1,066 \$798	o develop the	\$273 \$0	d MMRP RIs	and RAs. sement, Feas	ability Study  S0 S0 S0 S0 S0	\$238 \$0 \$115	50 S0	FY13 S5,2 FY14 S10 FY15 S30 FY16 S30 FY11-Comp. IRP	ects.
IRP Sites  IRP Progress in FY10  IRP Progress Planner for FY11-FY12  FORMERLY  Response Complete ligh  Medium  Low  Not Evaluated	3 MRSPP-6  8 Continuing to develop the HTRW: : d Complete Remedial Investigation: : Y USED DEFENSE SITI IRP Sites and MRSs by C 2 Response Complete 3 MRSPP-1 1 MRSPP-2 0 MRSPP-3 1 MRSPP-4	0 Total !  I and MMRP RIs an  Report, Risk Assen  ES - UMIAT  Classification 0 MRSP 0 MRSP 0 Evalua 0 No Kno	and RAs.  Sement, Feasability Study at TAFS / AK097991  SPP-7  SPP-8  uation Pending  Known/Suspected	and Decision D  F273100 /  Study  IRA  0 Desig  0 RA-0	RAB / C y 3 0(0) n 2 C 2 D 0	5-TECH 0 0(0) 0	1 0(0) 0 2	0 0(0) 0	3 2 2 2	0 0 0	Progres	Progress in FY10:	Continuing t  Complete Ro  \$3,983 \$1,066 \$798 \$47,075	o develop the	S273 S0 S1,703	d MMRP RIs	and RAs.  \$0 \$0 \$0 \$0 \$80 \$80	ability Study  S0 S0 S0 S0 S0 S0	\$238 \$0 \$115	50 S0	FY13 S5,2 FY14 S10 FY15 S30 FY16 S30 FY11-Comp. IRP FY11-Comp. MMR	ects.
IRP Progress in FY10  IRP Progress Planner for FY11-FY12  FORMERLY  desponse Complete ligh  Medium  ow	3 MRSPP-6  8 Continuing to develop the HTRW: : d Complete Remedial Investigation: : Y USED DEFENSE SITI IRP Sites and MRSs by C 2 Response Complete 3 MRSPP-1 1 MRSPP-2 0 MRSPP-3	0 Total !  I and MMRP RIs an  Report, Risk Assen  ES - UMIAT  Classification 0 MRSP 0 MRSP 0 Evalua 0 No Kno	and RAs.  sement, Feasability Study at TAFS / AK097991  SPP-7  SPP-8  uation Pending  Known/Suspected  Longer Required	F273100 / Study IRA 0 Desig 0 RA-C 0 RA-C	RAB / C y 3 0(0) n 2 2 0 0 1 2	5-TECH  0 0(0) 0 0	1 0(0) 0 2 0 0	0 0(0) 0	3 2 2 2 0 4 4	0 0 0 0	Progres	Progress in FY10:	Continuing t  Complete Ro  \$3,983 \$1,066 \$798 \$47,075 \$0	o develop the	\$273 \$0 \$1,703	d MMRP RIs	and RAs. sement, Feas  \$0  \$0  \$0  \$0  \$0  \$0  \$0  \$0  \$0  \$	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$238 \$00 \$115 \$3,806	50 S0	FY13 S5,2 FY14 S10 FY15 S30 FY16 S30 FY11-Comp. IRP	ects.

IRP Progress Planned Removal of remaining PCB soil from Test Well #9, 06 HTRW project. Closure of 03 HTRW project. Closure of Umiat Lake 09 HTRW project. for FY11-FY12: Complete RI/FS for 08 HTRW project at Umiat Landfill.

MMRP Progress Planned No MMRP sites identified. for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	ponent - Installatio	n / FI	FID / NPL or Pr	opose	ed NPI	L/BR	RAC Y	ear / I	RAB/	CTC I	Oelta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure	1	Schedule						xecution			T. (1	. 10 .	(0000)
					Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	oact**	FY10	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
Arizona																								
ARMY - YU	JMA PROVING GROU	ND / AZ	Z921412099100																					
•	IRP Sites and MRSs by 0				Study	47	1	3	1	0	0			\$9,435	\$435	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,947	
Response Complete	44 Response Complete	1			IRA	3(3)	0(0)	0(0)	0(0)					\$1,254	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$331	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	2	1	3	0			\$798	\$0	\$0	\$0	\$684	\$0	\$165		FY15	\$341	
1edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	17	0	0	1	5	0			\$3,783	\$0	\$0	\$0	\$0	\$0	\$9,375	\$0	FY16	\$423	:
ow	0 MRSPP-3	1	Evaluation Pending	0	RA-O	0	0	1	0	0	0			\$480	\$0	\$0	\$0	\$40	\$0	\$41	\$0	FY11-Comp	. IRP	\$1
lot Evaluated	5 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	7	0	6	1			\$2,733	\$0	\$70	\$0	\$235	\$0	\$160		FY11-Comp		\$
ot Required	1 MRSPP-5	0	No Longer Required	1		inal RC:	FY 201	7	MRS Fin	al RC: F	Y 2016		Total	\$18,483	\$435	\$70	\$0	\$959	\$0	\$9,741		FY11-Comp		\$2
otal IRP Sites	50 MRSPP-6	0	Total MRSs	2	1		ew Planne				2010			,			, ,					<u>-</u>		
IRP Progre in FY1	ss No progress reported.											MMR	P Progress in FY10:	A remedial	investigation	/feasibility	study (RI/FS)	was conduct	ted at YPG-0	02-R-01 und	ler the YPG-F	BA. YPG is current	ly awaiting RI	R.
RP Progress Planne	ed No actions planned										MMRI	P Progre	ss Planned	Remove add	ditional muni	itions and ex	nlosives of co	oncern (MEC	and muniti	ons constitu	ents (MC) dis	covered at the site a	nd continue wi	th work or
for FY11-FY1												for F	711-FY12:	in the PBA.				(	-,		()			
NAVY - YU	MA MCAS / AZ9173024	149300	/ NPL / RAB / C-TF	ECH							_													
	IRP Sites and MRSs by 0	Classific	ation		Study	25	2	0	5	0	0			\$22,802	\$448	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$420	
esponse Complete	24 Response Complete	2			IRA	1(1)	0(0)	0(0)	0(0)					\$3,745	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$379	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	0			\$1,467	\$0	\$0		\$0	\$0	\$0		FY15	\$513	
ledium	0 MRSPP-2	0	MRSPP-8	3	RA-C	11	0	0	0	0	4			\$12,875	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$392	5
ow	0 MRSPP-3	0	Evaluation Pending	0	RA-O	3	0	1	0	0	0			\$7,898	\$0	\$134	\$0	\$398	\$0	\$366	\$0	FY11-Comp	. IRP	\$
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	4	0			\$2,402	\$0	\$0	\$0	\$425	\$0	\$790	\$0	FY11-Comp	. MMRP	\$1
lot Required	1 MRSPP-5	0	No Longer Required	2	IRP F	inal RC:	FY 201	7	MRS Fin	al RC: F	Y 2019		Total	\$51,189	\$448	\$134	\$0	\$823	\$0	\$1,156	\$0	FY11-Comp	lete	\$2
otal IRP Sites	25 MRSPP-6	2	Total MRSs	7	Five-Y	ear Revi	ew Compl	leted and	Planned fo	or Future														
IRP Progre in FY1	ss Refer to Page F-201.											MMR	P Progress in FY10:	Refer to Pag	ge F-201.									
IRP Progress Planne for FY11-FY1											MMR		ss Planned 711-FY12:	Refer to Pag	ge F-201.									
AIR FORCE	E - AIR FORCE PLANT	7 44 / A	Z957172462900 / NI	PL / RA	ΔB						-1													
	IRP Sites and MRSs by 0	Classific	ation		Study	12	0	1	0	0	0			\$12,339	\$0	\$669	\$0	\$0	\$0	\$0	\$0	FY13	\$2,495	
esponse Complete	11 Response Complete	0			IRA	7(10)	0(0)	1(1)	0(0)					\$6,910	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,035	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	0			\$12,475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$2,072	
Iedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	0	0			\$19,021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$2,058	
ow	1 MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	1	0	1	0			\$40,626	\$0	\$3,424	\$0	\$2,287	\$0	\$2,174	\$0	FY11-Comp	. IRP	\$3
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	3	0	2	0			\$804	\$0	\$573	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
ot Required	1 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 203	30	MRS Fin	al RC: F	Υ -		Total	\$92,175	\$0	\$4,666	\$0	\$2,287	\$0	\$2,174	\$0	FY11-Comp	lete	\$3
otal IRP Sites	13 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revi	ew Compl	leted																
IRP Progre in FY1	ss Refer to Page F-14.											MMR	P Progress in FY10:	No MMRP	sites identifi	ed.								
IRP Progress Planne											MMRI		ss Planned	No MMRP	sites identifi	ed.								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	mnono	nt Installatio	n / El	FID / NPL or Pi	ronoge	A NDI	/ <b>D</b> D	ACV	oom / I	DAD /	стс р	halta f	nom E	V00*	7										
DOD COIL	пропе	nt - Instanatio	ш/г	FID / NPL OF FI	ropose	eu NPI		pleted		erway	Fut		_	Schedule	Costs Th	rough	FY10	Funds	FY11 E	xecution	FY12	Planning	1		
						Phase			_	MMRP			T	act**	FY10 (			ed (\$000)		d (\$000)		te (\$000)	Estima	ted Costs	(\$000)
									Sites (A				-	MMRP	IRP I	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Arizona																									
	CF - DA	VIS.MONTHAN	AIR F	ORCE BASE / AZ9	572124	05500 / I	PAR																		
AIRTOR					3/2124	Study	55	6	0	6	2	1	_		\$7,673	\$2,090	\$0	\$1,181	\$44	\$708	\$697	\$276	FY13	\$697	
Response Complete		P Sites and MRSs by C Response Complete	Classific	ation		IRA	9(9)	0(0)	1(1)	0(0)	-	1			\$2,896	\$2,090	\$0		\$0	\$708	\$697		FY14	\$692	
High		MRSPP-1	0	MRSPP-7	I 0	Design	11	0	0	0	0	6			\$3,325	\$0	\$0		\$0	\$0	\$0		FY15	\$712	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	0	0	0	6			\$4,352	\$0	\$0		\$0	\$0	\$0		FY16	\$725	
Low	0	MRSPP-3	0	Evaluation Pending	11	RA-O	1	0	3	0	0	0			\$8,628	\$0	\$1,387	\$0	\$860	\$0	\$788		FY11-Comp	IRP	\$10,5
Not Evaluated	2	MRSPP-4	0	No Known/Suspected	0	LTM	12	0	3	0	0	6			\$858	\$0	\$0	\$0	\$268	\$0			FY11-Comp		\$1,0
Not Required	3	MRSPP-5	0	No Longer Required	2	IRP Fi	inal RC:	FY 201	5	MRS Fina	al RC: FY	Y 2014		Total	\$27,732	\$2,090	\$1,387	\$1,181	\$1,172	\$708	\$1,485	\$376	FY11-Comp	lete	\$11,6
Total IRP Sites	57	MRSPP-6	0	Total MRSs	13	-				Planned fo															
in FY	710: med Initia			RA-O at LF-01, ST-35, and gwells and initate Decision I		for SS-09, S	SD-18, ST	40, DP-47,	OT-39, OT	г-45.		MMRI	P Progre	in FY10:	was awarded Complete the	in FY10.				WINKE SILES	were scorec	i under the ivir	RSPP requirement. 1	A Dasewide Ri	WILL ELECAS
AIR FORG	CE - W	ILLIAMS AFB / A	Z9570	02858200 / NPL / BI	RAC 19	91 / RA	В																		
•	IR	P Sites and MRSs by	Classific	ation		Study	31	3	2	1	0	0			\$18,320	\$871	\$0	\$871	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	30	Response Complete	3			IRA	29(33)	0(0)	2(2)	0(0)					\$4,984	\$0	\$570	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0			\$2,603	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	0	1	0			\$27,852	\$0	\$1,716	\$0	\$5,013	\$0	\$0	\$0	FY16	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	0	0	2	0			\$12,327	\$0	\$5	\$0	\$17,122	\$0	\$0		FY11-Comp		\$56,7
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	8	0	1	0			\$8,522	\$0	\$1,447	\$0	\$18,022	\$0	\$0		FY11-Comp		
Not Required	1	MRSPP-5	0	No Longer Required	3	IRP Fi	inal RC:	FY 206	1	MRS Fina	al RC: FY	Y 2012		Total	\$74,608	\$871	\$3,738	\$871	\$40,157	\$0	\$0	\$0	FY11-Comp	lete	\$56,7
Total IRP Sites	33	MRSPP-6	0	Total MRSs	4	Five-Y	ear Revie	w Compl	leted and	Planned fo	or Future														
IRP Progr in FY IRP Progress Plant for FY11-FY	/10: med Refer	to Page F-194.										MMRI	P Progre	in FY10:	Refer to Page										
FORMER	LY US	ED DEFENSE SIT	ES - C	AMP BOUSE / AZS	99799F												1								
-		P Sites and MRSs by	Classific	ation		Study	0	0	0	1	0	0			\$0	\$265	\$0		\$0	\$0	\$0		FY13	\$0	
Response Complete	_	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)			-		\$0	\$0	\$0		\$0		\$0		FY14	\$0	
High		MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY15	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1	-		\$0	\$0	\$0		\$0		\$0		FY16	\$0	
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	-		\$0	\$0	\$0		\$0		\$0		FY11-Comp		^
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0	-	\$0		FY11-Comp		\$111,7
Not Required	0	MRSPP-6	0	No Longer Required	0	IRP Fi	inal RC:	FY -		MRS Fina	al RC: FY	Y 2060		Total	\$0	\$265	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$111,7
Total IRP Sites  IRP Progr in FY  IRP Progress Plant	ress No II	RP sites identified.	0	Total MRSs	1							MMRI		Progress in FY10:	n/a No work anti	inipated for	next two year	are until Paga	ilina MMPD	Sile are come	alatad				
for FY11-FY		a saes mention.											for FY	711-FY12:	work and	cipated 101	two yea	no anui Dasc	c iviiviiti	or saic comp					

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	ponent - Installation	n / FI	FID / NPL or Pro	opose	ed NPI	/ BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure		chedule								Planning	Fetimo	ted Costs	(0002)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estima	ite (\$000)	Estilla	teu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Arizona																								
_	Y USED DEFENSE SIT	ES - C	AMP HORN / AZ997	799F50	07500																			
	IRP Sites and MRSs by C				Study	0	0	0	1	0	0			\$0	\$238	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY15	\$0	
ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	SC	\$0	FY11-Comp	IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$18
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	IRC: FY	7 2040	•	Total	\$0	\$238	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$18
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1																			
in FY10 IRP Progress Planne	d No IRP sites identified.										MMRI	Progres	in FY10:			•	n FY10, MMF		•		5/30/2007.			
for FY11-FY12	Y USED DEFENSE SIT	ES - C	AMP HYDER / AZ9	9799F	507600							101 1 1	11-FY12:											
TOTALIZATE	IRP Sites and MRSs by C				Study	0	0	0	1	0	0	l		\$0	\$232	\$0	\$34	\$0	\$0	SO	02	FY13	\$0	
		lassine	ation		IRA	0(0)	0(0)	0(0)	0(0)	0	U			\$0	\$232			\$0	\$0	S(		FY14	\$0	
Response Complete	0 Response Complete 0 MRSPP-1	0	MRSPP-7	0	Design	0(0)	0	0(0)	0(0)	0	1			\$0	\$0			\$0 \$0	\$0	\$0		FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0			\$0	\$0	\$(		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0			\$0	\$0	SO		FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0			\$0	\$0	\$(		FY11-Comp		\$14
Not Required	0 MRSPP-5	0	No Longer Required	0	<del></del>		FY -		MRS Fina	· -			Total	\$0	\$232	\$0		\$0	\$0	\$0		FY11-Comp		\$14
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	IKI FI	nai KC.	F1 -		WIKS FIIIa	ii KC. F	1 2103		Total	φ0	<b>\$232</b>	φ0	φυτ	\$0	φ0	φι	, 50	T TTI-Comp	icic	Ψ1.
IRP Progress in FY10 IRP Progress Planne for FY11-FY12	<b>d</b> No IRP sites identified.										MMRI	Progres	in FY10:				eleted 6/30/20			leted.				
FORMERL	Y USED DEFENSE SIT	ES - K	OFA NWR / AZ9979	9F505	000																			
	IRP Sites and MRSs by C	Classific	ation		Study	0	1	0	4	0	0			\$0	\$750	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	4			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	4			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	4	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	IRP	
lot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	4			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	MMRP	\$149
Not Required	0 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY -		MRS Fina	ıl RC: FY	2147		Total	\$0	\$750	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$149
Total IRP Sites	0 MRSPP-6	0	Total MRSs	5																				
IRP Progres in FY10 IRP Progress Planne for FY11-FY12	d No IRP sites identified.				•						MMRF	Progres	in FY10:				spection Rep				30, 2009. Fina	l Administrative acti	vities.	

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	ponent - Installation	n / FI	FID / NPL or Pro	opose	ed NPI	/BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure			Costs T		-					Planning	Estima	ted Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estima	ite (\$000)	Esuma	teu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Arizona																								
<u> </u>	Y USED DEFENSE SITI	ES - L	AGUNA MANEUVE	ER AR	EA / AZ	99799I	512600																	
	IRP Sites and MRSs by C				Study	0	2	0	8	0	0			\$0	\$1,237	\$0	\$78	\$0	\$2,394	S	\$0	FY13	\$0	
Response Complete	0 Response Complete	2			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0	\$0	\$(		FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	8			\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$50	FY15	\$0	s
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	8			\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	8	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	S	\$0	FY11-Comp.	IRP	
lot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	8			\$0	\$0	\$0	\$0	\$0	\$0	S	\$0	FY11-Comp.	MMRP	\$491
Not Required	0 MRSPP-5	0	No Longer Required	2	IRP Fi	nal RC:	FY -		MRS Fina	l RC: FY	7 2119		Total	\$0	\$1,237	\$0	\$78	\$0	\$2,394	\$6	\$50	FY11-Comp	lete	\$491
Total IRP Sites	0 MRSPP-6	0	Total MRSs	10	1																			
in FY10 IRP Progress Planner for FY11-FY12	d No IRP sites identified.										MMRF	Progres	in FY10:	Projects 03,	05, 06, & 0	7 Completed	2007				Septemebr 20 Baseline MMF	RP SI's are completed	l.	
FORMERLY	Y USED DEFENSE SITI	ES - M	OHAVE MANEUVI	ER AF	REA C /	AZ997	99F5147	700																
<b>*</b>	IRP Sites and MRSs by C	lassific	ation		Study	0	0	0	1	0	0			\$0	\$277	\$0	\$277	\$0	\$20	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0	\$0	S		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0			\$0	\$0	S		FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0			\$0	\$0	\$(		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	S		FY11-Comp.	IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0			\$0	\$0	SI		FY11-Comp.		\$51
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fins	d RC: FY	7 2097		Total	\$0	\$277	\$0	\$277	\$0	\$20	\$6	\$50	FY11-Comp	lete	\$51.
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1																			
IRP Progress in FY10  IRP Progress Planner for FY11-FY12	<b>d</b> No IRP sites identified.										MMRF	Progres	in FY10:								raft Final SSV	VP September 2010. Report.		
FORMERLY	Y USED DEFENSE SIT	ES - M	UGGINS MOUNTA	INS /	AZ9979	9FA359	900															_		
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$227	\$0		\$0	\$0	S	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY15	\$0	
Лedium	0 MRSPP-2	0	MRSPP-8	0	_	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0			FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY11-Comp.		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY11-Comp.		\$47
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	ıl RC: FY	2097		Total	\$0	\$227	\$0	\$12	\$0	\$0	\$(	\$0	FY11-Comp	lete	\$47
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progres in FY10 IRP Progress Planne for FY11-FY12	d No IRP sites identified.										MMRF	Progres	in FY10:				leted May 11 ars until Base		SI's are comp	bleted.				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DOD COM	onent - Installation	п / ГГ	ID/NIL OI II	opose								_		G 4 200		E38740	Е 1	ED8744 ED	. ,. 1	TOX/10 1	DI :	1		
							pleted		erway	Fut			schedule act**	FY10 (			Funds ed (\$000)		xecution d (\$000)			Estima	ted Costs	(\$000)
					Phase	IRP			MMRP otions)	IRP I	MMRP	_		l '										100
•								Sites (A	cuons)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
rizona																								
FORMERLY	Y USED DEFENSE SIT	ES - SA	AHUARITA AFR / A	AZ9979	99F5165	00																		
•	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$193	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
esponse Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
gh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0			\$0	\$0	\$0		FY11-Comp		
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0		0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	_	FY11-Comp		\$3
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	l RC: FY	Y 2027		Total	\$0	\$193	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$34
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY10 IRP Progress Planned for FY11-FY12	No IRP sites identified.										MMRI		in FY10: s Planned 11-FY12:	No work ant	icipated for	next two ye	ars until Base	line MMRP	SI's are comp	leted				
FORMERLY	USED DEFENSE SIT	ES - SO	СНИК-ТОАК А ТО	G GU	N RGE	/ AZ99	799F51	6700																
*	IRP Sites and MRSs by C				Study	0	0	0	1	0	0			\$0	\$145	\$0	\$0	\$0	\$0	SC	\$0	FY13	\$0	
esponse Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$34
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	l RC: FY	Y 2073		Total	\$0	\$145	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$34
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10 IRP Progress Plannet for FY11-FY12	No IRP sites identified.										MMRI	Progres	in FY10:						SI's are comp		Finalized Sep	ember 23, 2009.		
FORMERLY	Y USED DEFENSE SIT	ES - T	ASK FORCE FURN	ACE /	AZ9979	9F517	500																	
·	IRP Sites and MRSs by C	Classific	ation		Study	0	1	0	2	0	0			\$0	\$432	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
esponse Complete	0 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	SC	\$0	FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2			\$0	\$0			\$0		\$0		FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
w	0 MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0		\$0		FY11-Comp		
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	2			\$0	\$0	\$0	-	\$0	\$0	\$0		FY11-Comp		\$2
ot Required	0 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY -		MRS Fina	l RC: FY	Y 2074		Total	\$0	\$432	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$2
tal IRP Sites	0 MRSPP-6	0	Total MRSs	3																				
IRP Progress in FY10	S No IRP sites identified. :											MMRF	Progress in FY10:	No activities	scheduled/	completed in	n FY10, Proje	ct 01, 02, &	03; MMRP Si	ite Inspecti	on Report Con	npleted/Finalized Jui	ne, 2009.	

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	/FI	FID / NPL or Pr	opose	ed NPI	Z / BR	AC Y	ear / F	RAB / G	CTC I	)elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure								ed (\$000)			Fetima	ited Costs	(\$0002)
					Phase	IRP			MMRP	IRP	MMRP	ımı	act**	FY10	(\$000)	Obligate	ea (\$000)	Planne	ea (\$000)	Estima	te (\$000)	Estilla	iteu Costs	(ψ000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Arizona																								
FORMERLY	Y USED DEFENSE SITE	S - Y	UMA PROVING GI	ROUN	DS / AZ	99799F	825100																	
,	IRP Sites and MRSs by Cl	assific	ation		Study	0	0	0	1	0	0			\$0	\$213	\$0	\$13	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	o MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$10,395
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -	1	MRS Fina	d RC: F	Y 2072		Total	\$0	\$213	\$0	\$13	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,395
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10	S No IRP sites identified.											MMRI	Progress in FY10:	MMRP Site May 25, 20	e inspection 10.	Report comp	leted							
IRP Progress Planned for FY11-FY12											MMRI		s Planned '11-FY12:	No work an	ticipated fo	r next two yes	ars until Base	line MMRF	'SI's are comp	oleted.				

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Compo	onent - Installation	ı / FI	FID / NPL or Pro	opose	ed NPI	/ BR	AC Y	ear / ]	RAB /	CTC I	Delta f	rom F	Y09*										
						Com	pleted	Und	lerway	Fut	ture	FY10	Schedule	Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12 F	Planning		
					Phase				MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	1 (\$000)	Estimat	te (\$000)	Estimated Co	ts (\$000)
									Actions)				MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMRP
Arkansas																							
FORMERLY	USED DEFENSE SITI	ES - C	AMP ROBINSON/C	AMP	PIKE / A	AR6979	9F6046	00 / RA	B														
	IRP Sites and MRSs by C	lassific	ation		Study	2	1	0	1	0	0			\$65	\$3,905	\$0	\$128	\$0	\$160	\$0	\$0	FY13	\$0 \$10
Response Complete	2 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0 \$1,426
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	1	0	0			\$29	\$0	\$0	\$0	\$0	\$0	\$0	\$40	FY15	\$0 \$1,475
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	1	0	1	0	0			\$112	\$3,198	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0 \$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MMR	P \$10,67
Not Required	0 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 199	19	MRS Fina	al RC: F	Y 2033		Total	\$206	\$7,103	\$0	\$128	\$0	\$160	\$0	\$40	FY11-Complete	\$10,678
Total IRP Sites	2 MRSPP-6	0	Total MRSs	2	1										•								•
IRP Progress Planned for FY11-FY12:	No IRP/BDDR activities were pla				MMRI	P Progres	s Planned 11-FY12:			nate future fur				type/nature	of items disco	vered during intrusive investi	ation activities).						
FORMERLY	USED DEFENSE SITI	ES - S(	OUTHWESTERN PI	ROV (	GROUN	DS / AI	R69799I	F605000	) / RAB														
	IRP Sites and MRSs by C	lassific	ation		Study	2	0	0	1	0	0			\$2,114	\$2,108	\$0	\$82	\$0	\$14	\$0	\$55	FY13	\$0 \$231
Response Complete	2 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$1,266	\$1	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0 \$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1			\$34	\$0	\$0	\$0	\$0	\$0	\$0			\$0 \$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0	0			\$323	\$7,263	\$0	\$17	\$0	\$0	\$0	\$25	FY16	\$0 \$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	1			\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MMR	P \$86,09
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY 200	19	MRS Fina	al RC: F	Y 2068		Total	\$3,741	\$9,372	\$0	\$99	\$0	\$14	\$0	\$80	FY11-Complete	\$86,090
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1											_								
in FY10:	No IRP/BDDR work planned.												in FY10:	Continued !	RAB meetin								
IRP Progress Planned for FY11-FY12:	No IRP/BDDR work planned.										MMRI	P Progres for FY	s Planned 11-FY12:	Finalize RI Continue co	FS and evalu pordination v	ate future fur with stakehold	nding for DD lers.	recommenda	ations. Expar	nd RIFS acti	vities to cover	areas not included in original	investigation.

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

\*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	n / FFID / NPL or Pro	opose	d NPL	/ BR	AC Y	ear / I	RAB /	CTC I	)elta f	rom F	Y09*											
-					Com			erway		ure		Schedule	Costs T	hrough	FY10	Funds	FY11 Ex	xecution	FY12	Planning			
				Phase					IRP	MMRP	Im	pact**	FY10 (	(\$000)	Obligate	d (\$000)	Planned	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
							Sites (A				_	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
California																							
_	OT HUNTED I ICCETT	Γ / CA921042043600 / C-ES	CT.																				
ARWIT-FOR			51	G( 1	2.5						_		64.000	01.005		61.002		6205			TITI A	01.550	
	IRP Sites and MRSs by C	lassification		Study	35 11(19)	0(0)	0(0)	0(0)	0	0			\$4,833 \$5,000	\$1,335 \$0	\$0 \$0	\$1,083 \$0	\$0 \$0	\$385 \$0	s s		FY13 FY14	\$1,552 \$1,579	
Response Complete High	33 Response Complete 0 MRSPP-1	0 MRSPP-7	0	Design	11(19)	0(0)	0(0)	0(0)	0	0	-		\$2,695	\$0	\$0	\$0	\$0	\$0	s s			\$1,579	
Medium	0 MRSPP-2	0 MRSPP-8		RA-C	12	0	0	0	0	0			\$11,358	\$0	\$0	\$0	\$0	\$0	_		FY16	\$980	
Low	0 MRSPP-3	0 Evaluation Pending		RA-O	0	0	2	0	0	0	-		\$3,572	\$0	\$1,915	\$0	\$2,274	\$0	_		FY11-Comp		\$16
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	1	0	2	0			\$1,135	\$0	\$1,913	\$0	\$153	\$0	\$1,74	_	FY11-Comp		φι
Not Required	2 MRSPP-5	1 No Longer Required	11			FY 201			al RC: F			Total	\$28,593	\$1,335	\$2,047	\$1,083	\$2,427	\$385	\$1,90		FY11-Comp		\$16
Total IRP Sites	35 MRSPP-6	0 Total MRSs	12				d for Fut		ai KC: F	1 2014		Total	\$20,393	\$1,333	\$2,047	\$1,000	92,427	φ363	\$1,70	φ21	r i i i -comp	iete	φιο
	No progress reported.	Total Mitos		1110 10		,, , , , , , , , , , , , , , , , , , , ,	u 101 1 u				MMD	D Droarocc	N.										
in FY10:	No progress reported.										MINIK	P Progress in FY10:	No progress	геропеа.									
IRP Progress Planned for FY11-FY12:										MMRI		ss Planned Y11-FY12:	No actions p	olanned.									
101 1 111-1 112:	•										10F F	1 11-F 1 12:											
APMV - FOI	PT OPD / CA021372067	600 / NPL / BRAC 1991 / I	DAR																				
ARWIT-FOR			KAD	G( )	46	7					_		625.424	#101 422		62.000		62.555		62.074	TITI A	06.504	
	IRP Sites and MRSs by C	lassification		Study	46	,	0	15	0	0	-		\$37,434	\$101,422	\$0	\$2,008	\$0	\$3,555	\$			\$6,534	\$3
Response Complete	41 Response Complete	5		IRA	2(3)	0(0)	0(0)	0(0)	-		-		\$0	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$		FY14	\$6,931	\$2
High	2 MRSPP-1	0 MRSPP-7	0	Design	26 25	0	2	2	0	3			\$17,403	\$8,610 \$105,979	\$0	\$15,155	\$0	\$2,068	\$		FY15	\$7,910 \$7,222	\$9
Medium	0 MRSPP-2 0 MRSPP-3	0 MRSPP-8	0	RA-C					0		-		\$166,499	- 1	\$17,322		\$4,026		\$2,00				\$20 <b>\$110</b>
Low Not Evaluated	0 MRSPP-3 0 MRSPP-4	4 Evaluation Pending 0 No Known/Suspected	12	RA-O	0	0	3	0	5	0	-		\$37,369	\$0	\$6,826	\$0	\$3,878	\$0	\$4,71		FY11-Comp FY11-Comp		
Not Required	3 MRSPP-5	1 No Longer Required	0	LTM	0	0	1	4		12		Total	\$17,678 <b>\$276,383</b>	\$8,964 <b>\$224.975</b>	\$24 \$24,172	\$394	\$15	\$32	\$1 \$6,72		FY11-Comp		\$216 \$326
-	46 MRSPP-6		22			FY 203			al RC: F	Y 2019		Total	\$276,383	\$224,975	\$24,172	\$17,557	\$7,919	\$5,655	\$6,72	\$4,929	F Y 11-Comp	iete	\$320
Total IRP Sites		0 Total MRSs	22	Five-Ye	ar Revie	w Compl	eted and	Planned fo	or Future														
IRP Progress in FY10:	Refer to Page F-71.										MMR	P Progress in FY10:	Refer to Pag	ge F-71.									
IRP Progress Planned										MMR		ss Planned	Refer to Pag	ge F-71.									
for FY11-FY12:											for F	Y11-FY12:											
_																							
ARMY - JFH	IQ CA ARNG / CA9211	8060NG00																					
	IRP Sites and MRSs by C	lassification		Study	0	0	0	14	0	0			\$0	\$447	\$0	\$447	\$0	\$995	\$	\$0	FY13	\$0	
Response Complete	0 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$	\$0	FY14	\$0	\$
High	0 MRSPP-1	0 MRSPP-7	0	Design	0	0	0	0	0	6			\$0	\$0	\$0	\$0	\$0	\$0	S	\$0	FY15	\$0	S:
Medium	0 MRSPP-2	0 MRSPP-8	0	RA-C	0	0	0	0	0	6			\$0	\$0	\$0	\$0	\$0	\$0	S	\$0	FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	14	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	s		FY11-Comp		
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	S		FY11-Comp		\$10
Not Required	0 MRSPP-5	0 No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fin	al RC: F	Y 2021		Total	\$0	\$447	\$0	\$447	\$0	\$995	\$	\$0	FY11-Comp	lete	\$10
Total IRP Sites	0 MRSPP-6	0 Total MRSs	14																				
IRP Progress in FY10:	No IRP sites identified.										MMR	P Progress in FY10:	An SI was a	warded and i	initiated in F	Y10.							

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	n / FI	FID / NPL or Pr	opose	d NPI	/ BR	AC Y	ear / I	RAB /	CTC E	elta f	rom F	Y09*	7										
				_		Com	pleted	Und	erway	Fut	ure	FY10 S	Schedule	Costs T	hrough	FY10	Funds		xecution	FY12 I	Planning			
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
									ctions)				MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																								
	ITARY OCEAN TERN	MINAI	L CONCORD / CA9	213506	96A00 /	NPL/	C-TECI	1																
THE STATE OF THE S	IRP Sites and MRSs by C				Study	40	1	9	3	0	0			\$12,017	\$94	\$12,017	\$94	\$3,734	\$1,557	\$0	\$1.581	FY13	\$458	\$1,60
Response Complete	35 Response Complete	Jassine	ation		IRA	2(2)	0(0)	0(0)	0(0)	⊢ °	0			\$12,017	\$0			\$3,734		\$0		FY14	\$602	\$1,63
High	7 MRSPP-1	0	MRSPP-7	1 0	Design	4	0(0)	3	0(0)	1	3	_		\$266	\$0			\$113	\$0	\$0		FY15	\$602	\$1,6
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	11	0	5	0	1	3	-		\$200	\$0	\$200		\$9,088	\$0	\$2,895		FY16	\$570	\$2,1
Low	4 MRSPP-3	0	Evaluation Pending	0	RA-O	7	0	3	0	0	0	_		\$126	\$0	\$126		\$9,088	\$0	\$2,893		FY11-Comp		\$21,2
Not Evaluated	2 MRSPP-4	0	No Known/Suspected	3	LTM	3		9	0	0	3	_		\$126	\$0	\$126		\$98	\$0	\$403		FY11-Comp		\$48,3
Not Required	1 MRSPP-5	0	No Longer Required	0			0		· ·	100			m . 1		-					\$3,298				\$69,5
Total IRP Sites	49 MRSPP-6	0	Total MRSs	1 A	1		FY 201		MRS Fina Planned fo		2018		Total	\$12,409	\$94	\$12,409	\$94	\$13,033	\$1,557	\$3,298	\$1,581	FY11-Comp	iete	\$69,5
	Refer to Page F-118.	0	Total MRSs	4	Five-Y	ear Kevie	w Compi	eted and	Planned IC	or Future			Progress											
in FY10:  IRP Progress Planned for FY11-FY12:	Refer to Page F-118.										MMRI		in FY10: ss Planned 711-FY12:	Refer to Pag	ge F-118.									
ARMY - NAT	IONAL TRAINING C	ENTE	R AND FORT IRW	IN / CA	1921402	044600	/ C-TE	СН																
	IRP Sites and MRSs by C	Classific	ation		Study	44	7	2	9	0	0			\$18,619	\$3,234	\$469	\$2,929	\$1,315	\$6,637	\$1,178	\$519	FY13	\$921	
Response Complete	44 Response Complete	7			IRA	7(9)	0(0)	0(0)	0(0)					\$315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$23,377	
High	0 MRSPP-1	0	MRSPP-7	0	Design	7	0	0	0	1	0			\$874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,008	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	8	0	0	0	1	0			\$2,923	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$868	
Low	o MRSPP-3	2	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$279	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$53,5
Not Evaluated	2 MRSPP-4	2	No Known/Suspected	0	LTM	2	0	3	0	1	0			\$1,726	\$0	\$112	\$0	\$144	\$0	\$146	\$0	FY11-Comp	. MMRP	\$13,2
Not Required	0 MRSPP-5	2	No Longer Required	7	IRP Fi	nal RC:	FY 201	4	MRS Fina	al RC: F	Y 2018		Total	\$24,736	\$3,234	\$581	\$2,929	\$1,459	\$6,637	\$1,324	\$519	FY11-Comp	lete	\$66,8
Total IRP Sites	46 MRSPP-6	1	Total MRSs	16	Five-Y	ear Revie	w Comple	eted and	Underway					•			•		•	•		_		
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No progress reported.  No actions planned.										MMRI	P Progres	Progress in FY10: as Planned 711-FY12:					is scheduled	to start in fis	scal year (FY	r)10.			
ARMY - SIEI	RRA ARMY DEPOT /	CA921	382084300 / BRAC	1995/20	005 Real		t / RAB		ЕСН										1	•				
	IRP Sites and MRSs by C	Classific	ation		Study	46	7	2	9	0	0			\$29,063	\$7,755	\$322		\$0		\$0		FY13	\$65	\$1
Response Complete	45 Response Complete	6			IRA	0(0)	0(0)	0(0)	0(0)					\$8,837	\$1,000	\$0		\$0		\$0		FY14	\$390	\$5
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$945	\$2,718	\$0				\$0		FY15	\$511	\$1
Medium	0 MRSPP-2	0	MRSPP-8	1	RA-C	0	0	0	0	0	0			\$24,249	\$17,398	\$0	\$0	\$0	\$0	\$0		FY16	\$712	\$5
Low	0 MRSPP-3	2	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$895	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$9,3
Not Evaluated	2 MRSPP-4	3	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$3,838	\$0	\$411	\$0	\$486	\$0	\$554	\$0	FY11-Comp	. MMRP	\$19,6
Not Required	1 MRSPP-5	3	No Longer Required	6	IRP Fi	nal RC:	FY 2030	0	MRS Fina	al RC: F	Y 2018		Total	\$67,827	\$28,871	\$733	\$6,608	\$486	\$4	\$554	\$114	FY11-Comp	lete	\$28,9
Total IRP Sites	48 MRSPP-6	0	Total MRSs	16	Five-Y	ear Revie	w Comple	eted and	Planned fo	or Future														
IRP Progress in FY10:	Refer to Page F-170.												Progress in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installation	n / FI	FID / NPL or Proj	pose	d NPL	/BR	AC Y	ear / R	AB/C	CTC D	elta f	rom F	Y09*											
						Com	pleted	Unde	rway	Fut	ure		chedule			FY10			xecution			Estimo	ted Costs	(0002)
					Phase	IRP				IRP 1	MMRP	Imp		FY10 (			ed (\$000)		d (\$000)					(φυσυ)
								Sites (A	ctions)			IRP	MMRP	IRP I	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
<u>California</u>																								
NAVY - AI	LAMEDA NAS / CA91700	)23236	00 / NPL / BRAC 1993	3 / RA	В / С-Е	ST																		
, , , , , , , , , , , , , , , , , , ,	IRP Sites and MRSs by C	Classific	ation		Study	34	0	12	0	0	0			\$167,380	\$0	\$1,829	\$0	\$69	\$0	\$1,190	\$0	FY13	\$12,089	
Response Complete	10 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$103,260	\$0	\$4,772	\$0	\$1,282	\$0	\$0	\$0	FY14	\$5,997	
ligh	12 MRSPP-1	0	MRSPP-7	_	Design	8	0	10	0	4	0			\$14,922	\$0	\$2,120	\$0		\$0	\$489		FY15	\$1,997	
/ledium	11 MRSPP-2	0	MRSPP-8		RA-C	13	0	17	0	6	0			\$148,451	\$0	\$32,173	\$0	\$25,405	\$0	\$34,194	_	FY16	\$2,031	,
ow	8 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	6	0			\$0	\$0	\$0		\$0	\$0	\$345		FY11-Comp		\$117
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	0	4	0	11	0			\$7,736	\$0	\$35	\$0		\$0	\$2,271	_	FY11-Comp		
ot Required	5 MRSPP-5	0	No Longer Required	0			FY 201			l RC: FY	? <b>-</b>		Total	\$441,749	\$0	\$40,929	\$0	\$30,467	\$0	\$38,489	\$0	FY11-Comp	lete	\$117
otal IRP Sites	46 MRSPP-6	0	Total MRSs	0	Five-Ye	ar Revie	w Planne	d for Futu	re															
IRP Progre in FY1	ess Refer to Page F-17.											MMRP	Progress in FY10:	No MMRP s	ites identifie	d.								
IRP Progress Plann	ned Refer to Page F-17.										MMRI	Progress	Planned	No MMRP s	ites identific	d.								
for FY11-FY1	12:											for FY	11-FY12:											
NAVV - RA	ARSTOW MCLB / CA917	730242	6100 / NPI																					
NAVI-BE					Study	42	0	0	0	1	0	TECH		\$51,047	\$0	\$0	\$0	\$0	\$0	\$0	0.0	FY13	\$3,571	
esponse Complete	IRP Sites and MRSs by C  32 Response Complete	Jassine	ation		IRA	9(9)	0(0)	0(0)	0(0)	1	0	TECH		\$21,443	\$0	\$0				\$0		FY14	\$3,962	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	9	0(0)	0	0	0	0	FUND		\$2,740	\$0	\$0				\$0		FY15	\$1,680	
ledium	1 MRSPP-2	0	MRSPP-8	_	RA-C	10	0	1	0	1	0	REG		\$24,511	\$0	\$247	\$0		\$0	\$0		FY16	\$2,882	
ow	1 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	2	0	0	0	I ILLO		\$11,208	\$0	\$1,070	\$0		\$0	\$1,044		FY11-Comp		\$42
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	5	0	5	0	2	0			\$1,532	\$0	\$1,070	\$0		\$0	\$444		FY11-Comp		Ψ-12
Not Required	9 MRSPP-5	0	No Longer Required	0			FY 203		MPS Fine	l RC: FY			Total	\$112,481	\$0	\$1,490	\$0		\$0	\$1,488		FY11-Comp		\$42
Total IRP Sites	43 MRSPP-6	0	Total MRSs	0					lanned fo					,, ·	4.0	7-,	7.0	72,000	-	4-,100		TITE COMP		· ·
IRP Progre	ess Refer to Page F-26.											MMRP	Progress	No MMRP s	ites identifie	·d								
in FY1	10:												in FY10:		nes identific									
IRP Progress Plann for FY11-FY1											MMRI		Planned 11-FY12:	No MMRP s	ites identifie	d.								
												101 1 1												
NAVY - BI	RIDGEPORT MCMWTC	/ CA9	17302756100 / C-TEC	Н																				
<u> </u>	IRP Sites and MRSs by C	Classific	ation		Study	18	0	0	1	0	0			\$4,742	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$424	
Response Complete	16 Response Complete	0			IRA	5(5)	0(0)	0(0)	0(0)					\$3,624	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$39	
High	0 MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	0	1			\$129	\$0	\$0			\$0	\$0		FY15	\$147	
ledium	0 MRSPP-2	0	MRSPP-8	_	RA-C	9	0	0	0	0	1			\$5,255	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$26	
ow	o MRSPP-3	0	Evaluation Pending	1	RA-O	4	0	1	0	0	0			\$2,777	\$0	\$105	\$0	\$166	\$0	\$0		FY11-Comp	. IRP	\$3
lot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	0	4	0	0	0			\$2,627	\$0	\$513	\$0		\$0	\$150		FY11-Comp		\$9
Not Required	2 MRSPP-5	0	No Longer Required	0		nal RC:	FY 201	1 N	MRS Fina	l RC: FY	2020		Total	\$19,154	\$0	\$618	\$0	\$316	\$0	\$150	\$0	FY11-Comp	lete	\$13
otal IRP Sites	18 MRSPP-6	0	Total MRSs	1	Five-Ye	ar Revie	w Compl	eted and I	lanned fo	r Future								•		•			'	•
IRP Progre	ess Continued LTM and working on 10:	four closu	re reports.									MMRP	Progress in FY10:	A new site w	vas added to	the progran	n. The PA/SI	will be fund	ed in FY10.					
	ned Will fund LTM and complete a re										ммрі	Progress	Planned	Complete (1	- DA/CI									
IRP Progress Plann																								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Sta	tus of Installation	s with FY11 to Compl	etion (	Cost E	stima	te Gi	eater	Than	\$10,0	000,00	0						Defe	nse Envii	ronmental Re	storation	Program
DoD Com	monant - Installatio	n / FFID / NPL or Propo	rod NP	r / RE	ACV	oor / 1	QAR/	стс г	)alta f	rom F	V00*										
DOD COIN	ipoliciit - mstanatio	II/FID/NIL 01 110po	Seu IVI							_	chedule	Costs Throug	FV10	Funds	FV11 F	execution	FV121	Planning			
			DI		pleted		erway		ure	Imn	act**	FY10 (\$000)		ed (\$000)		d (\$000)		te (\$000)	Estimat	ted Costs	(\$000)
			Phase	IKP		Sites (A	MMRP etions)	IKP	MMKP								IDD	MARIN	F1 1 1 7	TDD	MADD
G 110						Sites (A	(ctions)			IKP	MMRP	IRP MMR	IKP	MMRP	IKP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																					
NAVY - CA	AMP PENDLETON MCE	3 / CA917302353300 / NPL / C-T	ECH																		
,	IRP Sites and MRSs by (	Classification	Study	205	0	3	0	1	0	REG		\$71,487	\$2,00	\$0	\$247	\$0	\$0	\$0	FY13	\$11,357	\$
Response Complete	147 Response Complete	0	IRA	9(9)	0(0)	0(0)	0(0)			REG		\$30,899	so s	\$0	\$2,829	\$0	\$310	\$0	FY14	\$10,563	s
High	13 MRSPP-1	0 MRSPP-7	0 Design	17	0	0	0	8	0	REG		\$4,324	so s	\$0	\$550	\$0	\$0	\$0	FY15	\$10,554	\$
Medium	25 MRSPP-3 0 Evaluation Pending 0 RA-O 6 0 4 0 7 0 S13,834 S0 S1,317 S0 S1,951 S0 S777 S0 FY11-Comp. IRP valuated 0 MRSPP-4 0 No Known/Suspected 0 LTM 7 0 9 0 15 0 S12,325 S0 S1,440 S0 S1,673 S0 S1,518 S0 FY11-Comp. MMRP															\$					
Low	25 MRSPP-3 0 Evaluation Pending 0 RA-O 6 0 4 0 7 0 S13,834 S0 S1,317 S0 S1,951 S0 S777 S0 FY11-Comp. IRP raluated 0 MRSPP-4 0 No Known/Suspected 0 LTM 7 0 9 0 15 0 S12,325 S0 S1,440 S0 S1,673 S0 S1,518 S0 FY11-Comp. MMRP															\$92,90					
Not Evaluated	Paluated 0 MRSPP-4 0 No Known/Suspected 0 LTM 7 0 9 0 15 0 \$12,325 \$0 \$1,440 \$0 \$1,673 \$0 \$1,518 \$0 \$FY11-Comp. MMRP or compared 24 MRSPP-5 0 No Longer Required 0 IRP Final RC: FY 2028 MRS Final RC: FY - Total \$227,313 \$0 \$11,603 \$0 \$15,362 \$0 \$11,609 \$0 \$FY11-Complete															\$					
Not Required	equired 24 MRSPP-5 0 No Longer Required 0 IRP Final RC: FY 2028 MRS Final RC: FY - Total \$227,313 \$0 \$11,263 \$0 \$15,362 \$0 \$11,609 \$0 FY11-Complete															\$92,90					
Total IRP Sites	al IRP Sites 209 MRSPP-6 0 Total MRSs 0 Five-Year Review Completed and Planned for Future																				
	IRP Sites 209 MRSPP-6 0 Total MRSs 0 Five-Year Review Completed and Planned for Future  IRP Progress Refer to Page F-32. MMRP Progress No MMRP sites identified.																				
in FY1	10:										in FY10:										
IDD D Di									MADI	D	. DI										
IRP Progress Plann for FY11-FY1									MINIKI		11-FY12:	No MMRP sites iden	ified.								
NAVY - CH	HINA LAKE NAWS / CA	917002315200 / RAB																			
_	IRP Sites and MRSs by O	Classification	Study	65	2	20	3	4	0	FUND	FUND	\$58,285 \$9	9 \$60	\$0	\$1,527	\$333	\$3,778	\$25	FY13	\$10,687	\$
Response Complete	13 Response Complete	0	IRA	7(7)	0(0)	1(1)	0(0)	<u> </u>		FUND	FUND		so s		\$0		\$0		FY14	\$13,809	\$97.
High	0 MRSPP-1	0 MRSPP-7	0 Design	+	0	0	0	11	2	FUND	FUND		50 \$25		\$0		\$153		FY15	\$1,498	\$1,48
Medium	3 MRSPP-2	0 MRSPP-8	0 RA-C	16	0	2	0	11	3	FUND	FUND		so \$1		\$607	\$0	\$0		FY16	\$5,622	\$
Low	23 MRSPP-3	0 Evaluation Pending	3 RA-O	15	0	7	0	1	0			\$7,608	50 \$1,64	\$ \$0	\$1,182	\$0	\$816		FY11-Comp.	IRP	\$46,73
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	9	0	11	0	12	1				50 \$1,04	\$0	\$790	\$0	\$847		FY11-Comp.		\$6,27
Not Required	50 MRSPP-5	1 No Longer Required		inal RC:	FY 201	9	MRS Fina	lRC: F	Y 2018		Total	\$103,500 \$9	9 \$3,55	\$0	\$4,106	\$333	\$5,594		FY11-Compl		\$53,01
Total IRP Sites	89 MRSPP-6	1 Total MRSs	_				Planned fo									,,,,,	,.				
	PSS Completed LUC PDs for Airfield	1 OU and Site 6; completed FS and PP for Prop			I					MMRP	Progress	Site Inspection comp	atad IIVO I	China Laka	Palias Dant	/ Siarra Gun C	lub nistal re	anga: Sita Inan	action completed. I	IVO 2 Moins	a Target 71
in FY1	10: completed Area R OU FS and PP	r OU and site 6, completed F3 and FF for From F; Implemented MNA remedy at Airfield; Site 4	4/45 RD com	plete; Rece	ived CNO as	nd SECNA	V Environm	ental		WINTEL	in FY10:	Site inspection comp	eted - UAO 1	Ciiiia Lake	ronce Dept/	Sierra Guir C	iuo pistoi ra	ange, site insp	ection completed - C	IAO 2 - Mojav	e rarget /1.
	Restoration team award.																				
IRP Progress Plann	complete RODs at Michelson La	aboratory OU and Propulsion Labs OU; Implen s; Continue MNA remedy at Airfield OU and A	nent 3 Remov	al actions; o	ontinue Lar	ndfill cap O	&M, constru	ction;	MMRI			Complete SI reports			duct Geophy	sical survey U	JXO 2;				
10F F Y 11-F Y 1	12: Continue RAO of 2 5 VE systems	s, Continue MNA remedy at Arried OO and A	iea K OU. Co	inpiete LO	, KD at An	ea K OU.				IOF F Y	11-F ¥ 12:	excess property fonc	wing Si at UA	0 2.							
NAVV CC	DALCORD NINE / CA0170	002452900 / NDI / D A D																			
NAVY-CC	ONCORD NWS / CA9170		Т	_			1						_							. 1	
	IRP Sites and MRSs by C	Classification	Study	14	5	5	3	0	0	REG		\$41,882 \$7,3			\$315	\$2,395	\$377		FY13	\$0	\$1,82
Response Complete	14 Response Complete	4	IRA	0(0)	0(0)	0(0)	0(0)			TECH			so s		\$0		\$0		FY14	\$50	\$17
High	4 MRSPP-1	0 MRSPP-7	0 Design	0	0	2	0	1	1	FUND			\$25		\$87		\$168		FY15	\$4,753	\$52
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	1	1	0	2	1	FUND			so s		\$2,000		\$3,157		FY16	\$1,606	\$1,34
Low	1 MRSPP-3	0 Evaluation Pending	1 RA-0	0	0	0	0	1	0				so s		\$0	\$0	\$0		FY11-Comp.		\$13,05
Not Evaluated	0 MRSPP-4	2 No Known/Suspected	2 LTM	1	0	0	0	3	4				\$7 S		\$0		\$50		FY11-Comp.		\$10,72
Not Required	0 MRSPP-5	0 No Longer Required	_		FY 202		MRS Fina		Y 2015		Total	\$87,467 \$7,3	\$1,20	\$538	\$2,402	\$3,020	\$3,752	\$3,432	FY11-Compl	ete	\$23,77
Total IRP Sites	19 MRSPP-6	1 Total MRSs	8 Five-Y	ear Revi	ew Under	way and l	Planned for	r Future													
IRP Progre in FY1	ess Refer to Page F-134.									MMRP	Progress in FY10:	Refer to Page F-134.									
m F Y I											m r 1 10:										
									II												

MMRP Progress Planned Refer to Page F-134. for FY11-FY12:

IRP Progress Planned Refer to Page F-134.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Sta	itus of Installation	s with FY11 to Cor	mpleti	ion C	ost E	stima	te Gr	eater	Than	<b>\$10,</b>	000,00	00							Defer	nse Envii	ronmental I	Restoration	Program
DoD Com	nponent - Installatio	n / FFID / NPL or Pr	oposeo	d NPI	L / BR	AC Y	ear / F	RAB /	CTC I	Delta f	rom F	Y09*	$\neg$										
	•				Com	pleted	Unde	erway	Fu	ture		Schedule	Costs T		FY10			xecution			Б.	4.10.4	(Φ000)
			]	Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	\$000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Esun	nated Costs	(\$000)
							Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																							
_	ORONADO NAB / CA917	7002313000 / RAB																				,	
	IRP Sites and MRSs by O			Study	2	0	4	1	0	0			\$9,930	\$1,130	\$1,384	\$0	\$491	\$0	\$0	\$0	FY13	\$1,919	\$(
Response Complete	2 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$566	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,390	\$1,958
High	4 MRSPP-1	0 MRSPP-7	0	Design	0	0	0	0	0	0			\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$6,301	\$249
Medium	0 MRSPP-2	0 MRSPP-8	0	RA-C	0	0	0	0	1	0			\$851	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$418	\$35
Low	0 MRSPP-3	0 Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	FY11-Com	p. IRP	\$12,902
Not Evaluated	Required 0 MRSPP-5 0 No Longer Required 0 IRP Final RC: FY 2016 MRS Final RC: FY 2016 Total \$11,366 \$1,130 \$1,384 \$0 \$491 \$0 \$110 \$0 FY11-Complete															\$2,82							
Not Required	Required 0 MRSPP-5 0 No Longer Required 0 IRP Final RC: FY 2016 MRS Final RC: FY 2016 Total \$11,366 \$1,130 \$1,384 \$0 \$491 \$0 \$110 \$0 FY11-Complete															\$15,72							
Total IRP Sites	IRP Progress The ESI/RI report for IR Sites 2, 3, 4, and 6 was submitted to the regulatory agencies for review and comments have been received. The document is																						
in FYI	al IRP Sites 6 MRSPP-6 0 Total MRSs 1																						
NAVY - EI	L CENTRO NAF / CA917	7002453000								'													
<b>T</b>	IRP Sites and MRSs by (	Classification		Study	19	0	3	4	0	0	FUND	FUND	\$8,481	\$1,165	\$0	\$0	\$0	\$0	\$295	\$181	FY13	\$1,526	\$1,200
Response Complete	16 Response Complete	0		IRA	13(13)	0(0)	0(0)	0(0)			FUND	FUND	\$12,606	\$0	\$463	\$0	\$947	\$0	\$0	\$0	FY14	\$803	\$(
High	1 MRSPP-1	0 MRSPP-7	0	Design	4	0	0	0	1	1	FUND	FUND	\$1,683	\$0	\$104	\$0	\$0	\$0	\$0	\$0	FY15	\$5,415	\$0
Medium	1 MRSPP-2	0 MRSPP-8	0	RA-C	3	0	1	0	4	4	FUND	FUND	\$9,317	\$0	\$0	\$0	\$707	\$0	\$0	\$0	FY16	\$2,201	\$62.
Low	3 MRSPP-3	1 Evaluation Pending	1	RA-O	2	0	0	0	0	0			\$6,472	\$0	\$469	\$0	\$0	\$0	\$0	\$0	FY11-Com	p. IRP	\$13,68
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	3	0	2	1			\$1,688	\$0	\$151	\$0	\$190	\$0	\$291	\$0	FY11-Com	p. MMRP	\$12,51
Not Required	1 MRSPP-5	2 No Longer Required	0	IRP F	inal RC:	FY 201	8 1	MRS Fin	al RC: F	Y 2018		Total	\$40,247	\$1,165	\$1,187	\$0	\$1,844	\$0	\$586	\$181	FY11-Com	plete	\$26,19
Total IRP Sites	22 MRSPP-6	0 Total MRSs	4	Five-Y	ear Revie	ew Planne	d for Futu	ıre															
in FY1 IRP Progress Plann	10: removal action at Site10. Initiate ned Complete base-wide LTM GW m	oring, Signed Site1 ROD. Completed Site18 investigation.  onitoring. Continue Site1 maintenance of MNA. Obtain site closure for Site 10.	and prepare	e LUC Plai	n. Comple	te Site2 PP/				MMR	P Progres	in FY10:	003, Carrizo	Impact Area	a, Site Inspec	tion further	es 001, 002, ar investigation ntial for NFA	recommende	ed.	and 002. AO	C 002 recommen	ded NFA Comple	eted UXO Site
NAVY - EI	L TORO MCAS / CA9173	302320800 / NPL / BRAC 1	993 / RA			1																	
	IRP Sites and MRSs by (	Classification		Study	24	0	1	0	0	0	FUND		\$57,463	\$0	\$86	\$0	\$0	\$0	\$0		FY13	\$1,440	<u> </u>
Response Complete	16 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)	-		FUND		\$9,304	\$0	\$244	\$0	\$0	\$0	\$0		FY14	\$1,454	<u> </u>
High	0 MRSPP-1	0 MRSPP-7		Design	5	0	1	0	1	0	FUND		\$11,679	\$0	\$0	\$0	\$446	\$0	\$464		FY15	\$1,654	
Medium	0 MRSPP-2	0 MRSPP-8		RA-C	5	0	4	0	1	0	FUND		\$58,793	\$0	\$1,714	\$0	\$1,389	\$0	\$4,056		FY16	\$1,615	\$ 70.40
Low	1 MRSPP-3	0 Evaluation Pending		RA-O	1	0	6	0	1	0			\$14,985	\$0	\$729	\$0	\$0	\$0	\$1,133		FY11-Com		\$59,40
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	1	0	2	0			\$4,107	\$0	\$150	\$0	\$125	\$0	\$176		FY11-Com	_	A=0.44
Not Required	8 MRSPP-5	0 No Longer Required	0			FY 204			al RC: F	Υ -		Total	\$156,331	\$0	\$2,923	\$0	\$1,960	\$0	\$5,829	\$0	FY11-Com	plete	\$59,40
Total IRP Sites  IRP Progress Plann		0 Total MRSs	0	Five-Y	ear Revie	ew Compl	eted and I	Planned fo	or Future	MMR		Progress in FY10:											
for FY11-FY											for FY	11-FY12:											

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding \*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Stat	us of Installation	s with FY11 to Com	ıplet	ion C	ost E	Stima	te Gi	eater	Than	\$10,0	000,00	)0							Defe	nse Envii	ronmental Re	estoration	ı Program
DoD Comr	onent - Installatio	n / FFID / NPL or Pro	nnose	d NPI	. / BR	RAC Y	ear / 1	RAR/	СТС Г	elta f	rom F	V09*											
Dob comp	onent instantion	I / IIID / IVIE OI IIO	pose			pleted		erway	Fut		_	Schedule	Costs Thi	rough	FY10 l	Funds	FY11 E	xecution	FY12 I	Planning			
				Phase				MMRP			Imn	act**	FY10 (\$	000)	Obligate	d (\$000)		d (\$000)	Estima	te (\$000)	Estima	ited Costs	(\$000)
				111130			Sites (A		1111	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	MMRP	IRP M	IMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																							
NAVY - FAL		OIV DET / CA917000039600	) / C-T																				1
	IRP Sites and MRSs by C	Classification		Study	4	0	3	7	5	0	_		\$2,640	\$2,312	\$174	\$0	\$0		\$2,714		FY13	\$1,635	\$
Response Complete	4 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)			-		\$0	\$1,562	\$0	\$0	\$0	-	\$0		FY14	\$796	\$2,11
High	0 MRSPP-1	0 MRSPP-7	0	Design	0	0	1	0	1	0	FUND	FUND	\$0	\$0	\$0	\$0	\$0	-	\$78		FY15	\$21	\$2,17
Medium																\$1,18							
Low	ated 0 MRSPP-4 2 No Known/Suspected 0 LTM 0 0 0 0 1 0 50 50 50 50 50 50 FY11-Comp. MMRP															\$9,11							
Not Evaluated		*	0						1							\$0							\$11,4
Not Required			0	IRP Fi	inal RC:	FY 201	9	MRS Fina	d RC: F	Y 2020		Total	\$2,640	\$3,874	\$174	\$0	\$0	\$0	\$2,792	\$0	FY11-Comp	lete	\$20,53
Total IRP Sites	12 MRSPP-6	0 Total MRSs	7																				
	10th (2010) (11 2017) (11 2017) (11 2017) (11 2017) (11 2017) (11 2017) (11 2017) (11 2017) (11 2017) (11 2017)															Draft APP, Site							
in F Y 10	IK Site 27.											in F Y 10:	Sarety and He	aith Pian, a	nd Draft Ex	piosive Saiet	ry Submissic	on for MKP SI	te UXU 5.				
IRP Progress Planner	Complete Community Polations I	Plan. Finallize the SI report for IR Sites 3	22 8- 24 1	Complete V	Vork Plan	for ID Site 2	7 and som	nloto field w	ork	MMRI	P Progres	s Planned	Einaliza SI Da	nort for MI	DD Sitor HV	01224	6 & 7 Fina	liza tha Aation	n Mamaran	lum CAD EC	S and perform TCR	A action at MI	PD Sita LIVO 5
for FY11-FY12	Complete Community Relations i	ran. Finantze the St report for IK Sites 3	32 & 34. V	Complete v	WOIK FIAII	101 IK SHE 2	27 and com	piete neid w	OIK.	IVIIVII	for FY	11-FY12:	rilialize Si Ke	port for ivir	Xr Siles UA	0 1, 2, 3, 4,	o & /. rina	nze tne Action	ii wiemorano	iuiii, saf, es	s and perioriii TCK	A action at Mr	ir sile UAU 3.
NAVY - LEN	IOORE NAS / CA91700	02438100 / C-TECH																					
_	IRP Sites and MRSs by C	Tassification		Study	18	0	1	0	1	0	REG		\$17,070	\$0	\$420	\$0	\$250	\$0	\$907	\$0	FY13	\$488	\$
Response Complete	13 Response Complete	0		IRA	2(2)	0(0)	0(0)	0(0)					\$6,127	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$818	s
High	2 MRSPP-1	0 MRSPP-7	0	Design	6	0	0	0	1	0			\$1,123	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$674	S
Medium	0 MRSPP-2	0 MRSPP-8	0	RA-C	5	0	0	0	1	0	TECH		\$5,195	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$414	S
Low	0 MRSPP-3	0 Evaluation Pending	0	RA-O	1	0	0	0	2	0			\$2,107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$12,85
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	5	0	1	0			\$2,331	\$0	\$314	\$0	\$717	\$0	\$342		FY11-Comp		
Not Required	5 MRSPP-5	0 No Longer Required	0		inal RC:	FY 203	4	MRS Fina	IRC: F	7 -		Total	\$33,953	\$0	\$734	\$0	\$967	\$0	\$1,249		FY11-Comp		\$12,85
Total IRP Sites	20 MRSPP-6	0 Total MRSs	0					Planned fo					,,	7.0	7.2.	7.0	47.01	7.0	4-,	7.0	TTTT COMP		
	62.1										MMDE	Dunamaca	No MMRP site		1								
in FY10	Site 1 semi-an. monit. completed. Sites 5/9 and 14 Site 17 MPE sys	Site 5/9 and 14 comingled plume samplistem started for rebound. Draft report for a	arsenic co	mpleted si	tes 2 and 4	erize sites.	Son gas sai	npiing comp	eted at		MINIMI	in FY10:		es identifie	a.								
IRP Progress Planned	LTM site 1. Finalize arsenic resul	ts for Sites 2 and 4 to show no impact. P	ursure NF	FA ROD sit	tes 2/4. U <sub>1</sub>	odate RI/FS	sites 5/9 ar	nd 14.Continu	ie MPE at	MMRI			No MMRP sit	es identifie	d.								
for FY11-FY12	Site 17 to address rebound.										for FY	'11-FY12:											
A																							
NAVY - MA	RE ISLAND NSY / CA9	17002477500 / BRAC 1993	/ RAB	/ C-TE	CH/C	-EST		_															
	IRP Sites and MRSs by C	Classification		Study	32	5	4	7	2	0	FUND	FUND	\$65,857	\$10,396	\$101	\$4,261	\$1,336	\$700	\$2,448	\$2,871	FY13	\$463	\$
Response Complete	32 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)			FUND	FUND	\$55,855	\$12,863	\$8,747	\$1,183	\$0	\$2,610	\$152	\$111	FY14	\$312	\$
High	5 MRSPP-1	0 MRSPP-7	0	Design	4	0	1	1	4	8	FUND	FUND	\$892	\$0	\$0	\$0	\$176	\$0	\$285	\$2,668	FY15	\$190	\$2
Medium	1 MRSPP-2	0 MRSPP-8	0	RA-C	13	0	1	1	3	7	FUND	FUND	\$77,784	\$9,874	\$0	\$0	\$0	\$0	\$0	\$7,941	FY16	\$842	\$
Low	0 MRSPP-3	2 Evaluation Pending	1	RA-O	2	0	0	0	0	0			\$1	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$23,34
Not Evaluated	0 MRSPP-4	7 No Known/Suspected	0	LTM	7	0	3	0	3	9			\$13,568	\$0	\$0	\$0	\$111	\$0	\$178	\$9	FY11-Comp	. MMRP	\$38,40
Not Required	0 MRSPP-5	2 No Longer Required	0	IRP Fi	inal RC:	FY 201	7	MRS Fina	ıl RC: F	Y 2016		Total	\$213,957	\$33,133	\$8,848	\$5,444	\$1,623	\$3,310	\$3,063	\$13,600	FY11-Comp	lete	\$61,75
Total IRP Sites	38 MRSPP-6	0 Total MRSs	12	Five-Y	ear Revi	ew Compl	eted and	Planned fo	r Future														
IRP Progress	Refer to Page F-110.										MMRF	Progress	Refer to Page	F-110.									
in FY10	=											in FY10:											

MMRP Progress Planned Refer to Page F-110. for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned Refer to Page F-110. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-0 Sta	itus	1 Histaliation	is wit	n F Y 11 to Cor	прісі	Jon C	USI E	Stillia	ite G	reater	THan	φ10,0	,00,00	<i></i>							Detei	isc Liivii	ronmentai K	CStoration	Triogram
DoD Con	pone	ent - Installatio	n / FI	TID / NPL or Pr	opose	d NPI	L/BR	AC Y	ear /	RAB / G	CTC I	)elta f	rom F	Y09*											
							Comp	oleted	Uno	lerway	Fut	ure	1	Schedule	Costs T		FY10 l		FY11 Ex			Planning	т. «	4.16.4	(0000)
						Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estima	ated Costs	(\$000)
									Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																									
	IRAM	AR MCAS / CA91'	730987	6500 / RAR																					
NAVI-M		P Sites and MRSs by (				Study	13	11	5	4	0	0	CONT	CONT	\$9,862	\$2,833	\$4,916	\$157	\$613	\$139	\$366	\$0	FY13	\$1,900	\$1,07
Response Complete		Response Complete	Liassine	ation		IRA	5(5)	0(0)	2(3)	0(0)	"	0	FUND	FUND	\$2,840	\$2,633	\$4,910	\$137	\$1,500	\$0	\$685		FY14	\$1,900	
High		MRSPP-1	0	MRSPP-7	0	Design	0	0(0)	0	0	0	1	TOND	TOND	\$87	\$0	\$87	\$0	\$1,500	\$0	\$0		FY15	\$947	\$20
Medium		MRSPP-2	0	MRSPP-8	0	RA-C	4	0	2	1	1	6	PERS	PERS	\$2,973	\$365	\$0	\$365	\$871	\$2,232	\$0		FY16	\$46	
Low	2 MRSPP-3 0 Evaluation Pending 8 RA-O 0 0 1 0 1 0 S171 S0 S0 S0 S0 S0 S0 S0 S0 FY1 ated 0 MRSPP-4 1 No Known/Suspected 0 LTM 0 0 0 0 2 1 S540 S0 S0 S0 S0 S0 S0 S43 S0 FY1															FY11-Comp		\$9,16							
Not Evaluated	ated 0 MRSPP-4 1 No Known/Suspected 0 LTM 0 0 0 0 0 2 1 S540 S0 S0 S0 S0 S0 S0 S0 FY11- ired 1 MRSPP-5 0 No Longer Required 6 IRP Final RC: FY 2014 MRS Final RC: FY 2019 Total \$16,473 \$3,198 \$5,003 \$522 \$2,984 \$2,371 \$1,094 \$2,277 FY11-															FY11-Comp		\$22,33							
Not Required			0		6	_				MRS Fine	ı RC· F	V 2019		Total									·		\$31,49
Total IRP Sites			0	U 1	15	111111	mai RC.	FT 201	•	WIKS THE	arke. F	1 2017		1000	ψ10,17 <i>0</i>	ψ5,150	φυίσσο	ΨυΞΞ	<b>\$2,701</b>	<i>\$2,071</i>	<b>\$2,074</b>	Ψ2,277	TTTT COMP	, ictc	40-7,00
	P Sites 18 MRSPP-6 0 Total MRSs 15  IRP Progress At UST 1, continued product removal and conducted additional gw sampling to evaluate plume stability. Awarded additional drilling for product MMRP Progress SI Reports submitted for MRS Sites 1,5,6,7,8,10,12, & 13 to DTSC.																								
IRP Progress Plani	RP Sites 18 MRSPP-6 0 Total MRSs 15																								
NAVY - M	OFFE'	TT FIELD NAS / C	CA9170	02323800 / NPL / Bl	RAC 19	991 / RA	В / С-Е	ST																	
<u> </u>		P Sites and MRSs by				Study	35	0	0	0	0	0	FUND		\$53,306	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,265	\$
Response Complete		Response Complete	Liassino	ition		IRA	0(0)	0(0)	0(0)	0(0)	-		FUND		\$29,405	\$0	\$2,560	\$0	\$0	\$0	\$0			\$1,265	\$
High		MRSPP-1	0	MRSPP-7	l 0	Design	15	0	1	0	0	0	FUND		\$6,415	\$0	\$0	\$0	\$0	\$0	\$0			\$1,265	\$(
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	13	0	2	0	0	0	FUND		\$54,450	\$0	\$7,736	\$0	\$7,084	\$0	\$2,241			\$1,286	\$
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	1	0	0	0			\$34,021	\$0	\$784	\$0	\$790	\$0	\$655		FY11-Comp	IRP	\$61,36
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	4	0	1	0			\$8,290	\$0	\$936	\$0	\$2,508	\$0	\$414		FY11-Comp		5
Not Required	5	MRSPP-5	0	No Longer Required	0		inal RC:	FV 204	2.	MRS Fina	ı RC· F	V -		Total	\$185,887	\$0	\$12.016	\$0	\$10,382	\$0	\$3,310		FY11-Comp		\$61,36
Total IRP Sites	35	MRSPP-6	0	Total MRSs	0	1				Planned fo					,		4,		7,	7.0	,,,,,,	7.0	TTTT COMP		11. /
	ess Refe	r to Page F-120.		10441111100		1							MMRI	Progress	No MMRP	citos identifi	ed.								
in FY IRP Progress Plant for FY11-FY	10: ied Refe											MMRI	Progres	in FY10:	No MMRP										
NAVY - NO	ORTH	ISLAND NAS / CA	<b>491700</b>	2311800 / RAB																					
	IR	P Sites and MRSs by	Classific	ation		Study	20	0	4	1	0	0	FUND	FUND	\$76,672	\$1,437	\$1,986	\$0	\$0	\$0	\$263		FY13	\$3,337	\$45
Response Complete		Response Complete	0			IRA	8(21)	0(0)	0(0)	0(0)			FUND	FUND	\$59,472	\$0	\$4,619	\$0	\$0	\$0	\$1,319		FY14	\$4,075	\$9
High		MRSPP-1	0	MRSPP-7	0	Design	3	0	1	0	1	1	FUND	FUND	\$9,958	\$0	\$271	\$0	\$105	\$0	\$0		FY15	\$4,387	\$
Medium		MRSPP-2	0	MRSPP-8	0	RA-C	1	0	5	0	1	1	FUND	FUND	\$26,089	\$0	\$857	\$0	\$4,507	\$0	\$2,688		FY16	\$7,704	\$53
Low		MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	0	0	5	1			\$1,931	\$0	\$0	\$0	\$604	\$0	\$2,502		FY11-Comp		\$46,86
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	1	0	7	0	6	0			\$2,827	\$0	\$585	\$0	\$1,282	\$0	\$851	\$0	FY11-Comp	. MMRP	\$1,24
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 201	8	MRS Fina	al RC: F	Y 2018		Total	\$176,949	\$1,437	\$8,318	\$0	\$6,498	\$0	\$7,623	\$0	FY11-Comp	olete	\$48,10
Total IRP Sites	24	MRSPP-6	0	Total MRSs	1																				<u> </u>
IRP Progr in FY	ess GW 10: Cone	monitoring at Sites 1, 5, 11, lucting removal action and i	& SWMU	80. Continued TCRA at OU ng closure plan at OU11. SM	24. Submi P for FY09	tted Final R D. Hexchron	OD for IR S	Sites 2, 4, 5 action at O	(1), and 1 U20.	0. Awaiting si	gnature.		MMRI	Progress in FY10:	Prepared an	d implement	ed SI work p	lan for MRP	Site 8. Subn	nitted draft S	I report to re	egulatory ager	ncies for comments.		
IDD Drogross Dlam	od om		0 11 FC	CWA HIGO CAMP C. FWIO	a	1	1		1.0			MMDI	Drogress	c Dlannad	Electic GI		DD 6'4 . 0 . D		d C . d						

IRP Progress Planned GW monitoring at Sites 1, 5, 10 & 11. FS at SWMU80. SMP for FY10. Continue implementing closure plan at OU 11. Continue implementing removal MMRP Progress Planned Finalize SI report for MRP Site 8. Determine whether further action at site is required.

for FY11-FY12: action at OU20. Complete OU 24 TCRA.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

	ponent - Installation /			T .c.	1.4. 2	T7 3		103 -4		EV10 C	chedule	Costs Th	rough	FY10 I	hinds	FY11 Ex	zecution	EV12 I	Planning			
			ъ.		pleted		erway	Futi			act**	FY10 (S			1 (\$000)				te (\$000)	Estimat	ted Costs	(\$000)
			Phase	IRP	MMRI			IRP 1	MMRP			ì			. ,		`` ′		. ,			
						Sites (A	ctions)			IRP	MMRP	IRP N	<b>IMRP</b>	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																						
NAVY - PO	OINT MUGU NAWS / CA91	7002727100 / RAB																				
	IRP Sites and MRSs by Clas		Study	30	1	7	4	1 1	0	FUND	FUND	\$19,372	\$209	\$0	\$75	\$869	\$546	\$720	\$296	FY13	\$3,003	
Response Complete	22 Response Complete	0	IRA	6(8)	0(0)	0(0)	0(0)	<u> </u>		FUND	FUND	\$15,749	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$640	
High	1 MRSPP-1	0 MRSPP-7	0 Design	+	0	0	0	1	0	FUND	FUND	\$397	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$1.005	33.
Medium	2 MRSPP-2	0 MRSPP-8	2 RA-C	+	0	0	0	3	3	FUND	FUND	\$19,457	\$0	\$0	\$0	\$744	\$0	\$670		FY16	\$1,032	
Low	6 MRSPP-3	Evaluation Pending	2 RA-0	_	0	3	0	2	0			\$1,727	\$0	\$87	\$0	\$1,162	\$0	\$617		FY11-Comp.	IRP	\$15,34
Not Evaluated	o MRSPP-4	0 No Known/Suspected	0 LTM	1	0	5	0	8	2			\$623	\$0	\$36	\$0	\$163	\$0	\$275		FY11-Comp.		\$5,8
Not Required	7 MRSPP-5	1 No Longer Required		Final RC	: FY 202	26 1	MRS Fina	al RC: FY	7 2018		Total	\$57,325	\$209	\$123	\$75	\$2,938	\$546	\$2,282		FY11-Comple		\$21,23
Total IRP Sites	38 MRSPP-6	0 Total MRSs	5				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2010			,				. ,			, , , ,			
in FY1 IRP Progress Plann for FY11-FY1	ed Continued implementation of the RAC 12:	C for IRP Sites 1,6, and 24 per ROD. E			101 underw	ay.			MMRP	Progress	in FY10: s Planned		to begin afte	er approval o	of funding. U					n under state review.  using efforts. FY11 p	project activit	ties will utilize ;
in FY1 IRP Progress Plann for FY11-FY1	ed Continued implementation of the RAC 12:  DRT HUENEME NCBC / CA	C for IRP Sites 1,6, and 24 per ROD. E	E/CA planned	at Site 35.			2		MMRP	Progress for FY	in FY10: s Planned 11-FY12:	Follow on RI programatic I	to begin afte	er approval c	of funding. U	JXO 004 sch	edule may im	pact the pla	anned PPV ho	using efforts. FY11 p		
in FY1 IRP Progress Plann for FY11-FY1 NAVY - PO	ed Continued implementation of the RAC 12: DRT HUENEME NCBC / CA IRP Sites and MRSs by Clas	C for IRP Sites 1,6, and 24 per ROD. E	E/CA planned  Study	at Site 35.	0	17	2	1	MMRP 0	Progress for FY	in FY10: s Planned 11-FY12:	Follow on RI programatic I	to begin after RI/FS to expense to begin after the expense to be expense.	er approval cedite the RO	of funding. UD.	JXO 004 sch \$2,106	sedule may im	pact the pla	anned PPV ho	using efforts. FY11 p	\$3,034	:
in FY1  IRP Progress Plann for FY11-FY1  NAVY - PC  Response Complete	ed Continued implementation of the RAC 12: DRT HUENEME NCBC / CA IRP Sites and MRSs by Clas 7 Response Complete	C for IRP Sites 1,6, and 24 per ROD. E  A917002332300 / RAB  sification	E/CA planned  Study  IRA	11 4(6)	0 0(0)	17 0(0)	0(0)		0	Progress for FY  FUND  FUND	s Planned 11-FY12: FUND FUND	Follow on RI programatic I	to begin afte	er approval cedite the RO	of funding. UD.	\$2,106 \$0	so \$0	\$1,507	\$148 \$0	FY13 FY14	\$3,034 \$1,239	5
in FY1  IRP Progress Plann for FY11-FY1  NAVY - PC  Response Complete High	ed Continued implementation of the RAG 12:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete 4 MRSPP-1	C for IRP Sites 1,6, and 24 per ROD. E  A917002332300 / RAB  sification  0  0 MRSPP-7	Study IRA 0 Design	11 4(6)	0 0(0) 0	17	0(0)	1	0	FUND FUND	s Planned 11-FY12: FUND FUND FUND	\$43,958 \$11,257 \$244	to begin after RI/FS to expense to begin after the expense to be expense.	so \$1,041	of funding. UD.	\$2,106 \$0 \$0	\$0 \$0 \$0	\$1,507 \$0	\$148 \$0 \$0	FY13 FY14 FY15	\$3,034 \$1,239 \$1,474	\$
in FY1  IRP Progress Plann for FY11-FY1  NAVY - PC  Response Complete	ed Continued implementation of the RAC 12: DRT HUENEME NCBC / CA IRP Sites and MRSs by Clas 7 Response Complete	C for IRP Sites 1,6, and 24 per ROD. E  A917002332300 / RAB  sification	Study IRA 0 Design 2 RA-C	11 4(6) 1 1 4	0 0(0)	17 0(0) 0	0(0)		0	Progress for FY  FUND  FUND	s Planned 11-FY12: FUND FUND	\$43,958 \$11,257 \$244 \$5,897	to begin after RI/FS to experience \$482 \$0 \$0	er approval dedite the RO  \$0  \$1,041  \$0  \$0	sof funding. UD.  \$96 \$0 \$0	\$2,106 \$0 \$1,030	so \$0	\$1,507 \$0 \$0 \$1,953	\$148 \$0 \$0 \$0	FY13 FY14 FY15 FY16	\$3,034 \$1,239 \$1,474 \$2,344	\$ \$ \$ \$ \$ \$ \$ 1,28
in FY1  IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium	ed Continued implementation of the RAG 12:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete  4 MRSPP-1  7 MRSPP-2	C for IRP Sites 1,6, and 24 per ROD. E  A917002332300 / RAB  sification  0  0 MRSPP-7  0 MRSPP-8	Study IRA 0 Design 2 RA-C 0 RA-C	11 4(6) 1 1 4	0 0(0) 0	17 0(0) 0	0(0)	1 10	0 0 2	FUND FUND	s Planned 11-FY12: FUND FUND FUND	\$43,958 \$11,257 \$244	to begin after tl/FS to experience states and states after the states after the states after the states and states after the s	so \$1,041	596 \$0 \$0	\$2,106 \$0 \$0	\$0 \$0 \$0 \$0	\$1,507 \$0	\$148 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp.	\$3,034 \$1,239 \$1,474 \$2,344 IRP	\$1,28 \$19,01
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low	ed Continued implementation of the RAG 12:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete  4 MRSPP-1  7 MRSPP-2  8 MRSPP-3	C for IRP Sites 1,6, and 24 per ROD. E  A917002332300 / RAB  sification  0 MRSPP-7  0 MRSPP-8  0 Evaluation Pending	Study IRA 0 Design 2 RA-C 0 RA-C 0 LTM	11 4(6) 1 1 0	0 0(0) 0 0	17 0(0) 0 3 1	0(0) 0 0 0 0	1 10 2 12	0 0 2 0 0	FUND FUND	s Planned 11-FY12: FUND FUND FUND	\$43,958 \$11,257 \$244 \$5,897 \$1,270	\$482 \$0 \$0	s0 \$1,041 \$0 \$285	\$96 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354	\$0 \$0 \$0 \$0 \$0	\$1,507 \$0 \$1,953 \$275	\$148 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp. FY11-Comp.	\$3,034 \$1,239 \$1,474 \$2,344 IRP MMRP	\$19,01 \$19,01
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low Not Evaluated	ed Continued implementation of the RAG 12:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete  4 MRSPP-1  7 MRSPP-2  8 MRSPP-3  0 MRSPP-4	C for IRP Sites 1,6, and 24 per ROD. E  A917002332300 / RAB  sification  0 MRSPP-7  0 MRSPP-8  0 Evaluation Pending  0 No Known/Suspected	Study IRA 0 Design 2 RA-C 0 RA-C 0 LTM	11 4(6) 1 1 0	0 0(0) 0	17 0(0) 0 3 1	0(0) 0 0 0 0	1 10 2	0 0 2 0 0	FUND FUND	s Planned 11-FY12:  FUND FUND FUND FUND	\$43,958 \$11,257 \$244 \$5,897 \$1,270 \$235	\$482 \$0 \$0 \$0	so \$1,041 \$0 \$285 \$123	\$96 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354 \$114	\$0 \$0 \$0 \$0 \$0 \$0	\$1,507 \$0 \$1,953 \$275 \$195	\$148 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp.	\$3,034 \$1,239 \$1,474 \$2,344 IRP MMRP	\$ \$ \$ \$ \$ \$ \$ 1,28
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low Not Evaluated Not Required Total IRP Sites	ed Continued implementation of the RAG 12:  DRT HUENEME NCBC / CA IRP Sites and MRSs by Clas  7 Response Complete 4 MRSPP-1 7 MRSPP-2 8 MRSPP-3 0 MRSPP-4 3 MRSPP-5 29 MRSPP-6	A917002332300 / RAB sification 0 MRSPP-7 0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSS	Study IRA 0 Design 2 RA-C 0 RA-C 0 LTM 0 IRP	11 4(6) 1 1 0	0 0(0) 0 0	17 0(0) 0 3 1	0(0) 0 0 0 0	1 10 2 12	0 0 2 0 0	FUND FUND FUND FUND	in FY10:  s Planned 11-FY12:  FUND FUND FUND FUND TUND TUND	\$43,958 \$11,257 \$244 \$5,897 \$1,270 \$235 \$62,861	\$482 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$1,041 \$0 \$285 \$123	\$96 \$0 \$0 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354 \$114	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$1,507 \$0 \$0 \$1,953 \$275 \$195 \$3,930	\$148 \$0 \$0 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp. FY11-Comple	\$3,034 \$1,239 \$1,474 \$2,344 <b>IRP</b> <b>MMRP</b> <b>ete</b>	\$1,4
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low Not Evaluated Not Required Total IRP Sites	ed Continued implementation of the RAG 12:  ORT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete  4 MRSPP-1  7 MRSPP-2  8 MRSPP-3  0 MRSPP-4  3 MRSPP-5  29 MRSPP-6  ESS RA-O/LTM continues for UST 02 and	A917002332300 / RAB sification 0 MRSPP-7 0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSS	Study IRA 0 Design 2 RA-C 0 RA-C 0 LTM 0 IRP	11 4(6) 1 1 0	0 0(0) 0 0	17 0(0) 0 3 1	0(0) 0 0 0 0	1 10 2 12	0 0 2 0 0	FUND FUND FUND FUND	in FY10:  s Planned 11-FY12:  FUND FUND FUND FUND TUND TUND	\$43,958 \$11,257 \$244 \$5,897 \$1,270 \$235 \$62,861	\$482 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$1,041 \$0 \$285 \$123	\$96 \$0 \$0 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354 \$114	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$1,507 \$0 \$0 \$1,953 \$275 \$195 \$3,930	\$148 \$0 \$0 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp. FY11-Comp.	\$3,034 \$1,239 \$1,474 \$2,344 <b>IRP</b> <b>MMRP</b> <b>ete</b>	\$19,01 \$19,01
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low Not Evaluated Not Required Total IRP Sites  IRP Progre in FY1	ed Continued implementation of the RAG 12:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas 7 Response Complete 4 MRSPP-1 7 MRSPP-2 8 MRSPP-3 0 MRSPP-4 3 MRSPP-5 29 MRSPP-6  ESS RA-O/LTM continues for UST 02 and 10:	A917002332300 / RAB sification 0 MRSPP-7 0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSS	Study   IRA   0 Design   2 RA-C   0 RA-C   0 LTM   0 IRP   2   1   1   1   1   1   1   1   1   1	11 4(6) 1 1 1 0 Final RC	0 0(0) 0 0 0 0 : FY 20:	17 0(0) 0 3 1 2	0(0) 0 0 0 0	1 10 2 12	0 2 0 0 0 7 2016	FUND FUND FUND FUND FUND	FUND FUND FUND FUND FUND FUND FUND FUND	\$43,958 \$11,257 \$244 \$5,897 \$12,270 \$235 \$62,861	\$482 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$482	\$0 \$1,041 \$0 \$285 \$123 \$1,449	\$96 \$0 \$0 \$0 \$96 \$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354 \$114	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$1,507 \$0 \$0 \$1,953 \$275 \$195 \$3,930	\$148 \$0 \$0 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp. FY11-Comple	\$3,034 \$1,239 \$1,474 \$2,344 <b>IRP</b> <b>MMRP</b> <b>ete</b>	\$1,4
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low Not Evaluated Not Required Total IRP Sites  IRP Progre in FY1	ed Continued implementation of the RAG  22:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete  4 MRSPP-1  7 MRSPP-2  8 MRSPP-3  0 MRSPP-3  10 MRSPP-4  3 MRSPP-5  29 MRSPP-6  29 PR-O/LTM continues for UST 02 and IRP Si  ed Continue O&M at UST 02 and IRP Si  ed Continue O&M at UST 02 and IRP Si	A917002332300 / RAB sification 0 MRSPP-7 0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSS	Study   IRA   0 Design   2 RA-C   0 RA-C   0 LTM   0 IRP   2   1   1   1   1   1   1   1   1   1	11 4(6) 1 1 1 0 Final RC	0 0(0) 0 0 0 0 : FY 20:	17 0(0) 0 3 1 2	0(0) 0 0 0 0	1 10 2 12	0 2 0 0 0 7 2016	FUND FUND FUND FUND FUND FUND FUND FUND	FUND FUND FUND FUND FUND FUND FUND FUND	\$43,958 \$11,257 \$244 \$5,897 \$1,270 \$235 \$62,861	\$482 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$482	\$0 \$1,041 \$0 \$285 \$123 \$1,449	\$96 \$0 \$0 \$0 \$96 \$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354 \$114	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$1,507 \$0 \$0 \$1,953 \$275 \$195 \$3,930	\$148 \$0 \$0 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp. FY11-Comple	\$3,034 \$1,239 \$1,474 \$2,344 <b>IRP</b> <b>MMRP</b> <b>ete</b>	\$1,2 \$19,0 \$1,4
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low Not Evaluated Not Required Total IRP Sites  IRP Progress Plann IRP Progress Plann	ed Continued implementation of the RAG  22:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete  4 MRSPP-1  7 MRSPP-2  8 MRSPP-3  0 MRSPP-3  10 MRSPP-4  3 MRSPP-5  29 MRSPP-6  29 PR-O/LTM continues for UST 02 and IRP Si  ed Continue O&M at UST 02 and IRP Si  ed Continue O&M at UST 02 and IRP Si	A917002332300 / RAB sification 0 MRSPP-7 0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSS	Study   IRA   0 Design   2 RA-C   0 RA-C   0 LTM   0 IRP   2   1   1   1   1   1   1   1   1   1	11 4(6) 1 1 1 0 Final RC	0 0(0) 0 0 0 0 : FY 20:	17 0(0) 0 3 1 2	0(0) 0 0 0 0	1 10 2 12	0 2 0 0 0 7 2016	FUND FUND FUND FUND FUND FUND FUND FUND	FUND FUND FUND FUND FUND FUND FUND FUND	\$43,958 \$11,257 \$244 \$5,897 \$12,270 \$235 \$62,861	\$482 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$482	\$0 \$1,041 \$0 \$285 \$123 \$1,449	\$96 \$0 \$0 \$0 \$96 \$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354 \$114	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$1,507 \$0 \$0 \$1,953 \$275 \$195 \$3,930	\$148 \$0 \$0 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp. FY11-Comple	\$3,034 \$1,239 \$1,474 \$2,344 <b>IRP</b> <b>MMRP</b> <b>ete</b>	\$1,2 \$19,0 \$1,4
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low Not Evaluated Not Required Total IRP Sites  IRP Progress Plann for FY11-FY1	ed Continued implementation of the RAG  22:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete  4 MRSPP-1  7 MRSPP-2  8 MRSPP-3  0 MRSPP-3  10 MRSPP-4  3 MRSPP-5  29 MRSPP-6  29 PR-O/LTM continues for UST 02 and IRP Si  ed Continue O&M at UST 02 and IRP Si  ed Continue O&M at UST 02 and IRP Si	A917002332300 / RAB  Sification  0 MRSPP-7  0 MRSPP-8  0 Evaluation Pending  0 No Known/Suspected  0 No Longer Required  0 Total MRSS  Ithe IRP Site 14 landfill. PP for IRP S	Study   IRA   0 Design   2 RA-C   0 RA-C   0 LTM   0 IRP   2   1   1   1   1   1   1   1   1   1	11 4(6) 1 1 1 0 Final RC	0 0(0) 0 0 0 0 : FY 20:	17 0(0) 0 3 1 2	0(0) 0 0 0 0	1 10 2 12	0 2 0 0 0 7 2016	FUND FUND FUND FUND FUND FUND FUND FUND	FUND FUND FUND FUND FUND FUND FUND FUND	\$43,958 \$11,257 \$244 \$5,897 \$12,270 \$235 \$62,861	\$482 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$482	\$0 \$1,041 \$0 \$285 \$123 \$1,449	\$96 \$0 \$0 \$0 \$96 \$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354 \$114	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$1,507 \$0 \$0 \$1,953 \$275 \$195 \$3,930	\$148 \$0 \$0 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 FY11-Comp. FY11-Comple	\$3,034 \$1,239 \$1,474 \$2,344 <b>IRP</b> <b>MMRP</b> <b>ete</b>	\$1,2 \$19,0 \$1,4
IRP Progress Plann for FY11-FY1  NAVY - PO  Response Complete High Medium Low Not Evaluated Not Required Total IRP Sites  IRP Progress Plann for FY11-FY1	ed Continued implementation of the RAG  12:  DRT HUENEME NCBC / CA  IRP Sites and MRSs by Clas  7 Response Complete  4 MRSPP-1  7 MRSPP-2  8 MRSPP-3  0 MRSPP-3  10 MRSPP-4  3 MRSPP-5  29 MRSPP-6  29 PR-O/LTM continues for UST 02 and IRP Sites  10:  ed Continue O&M at UST 02 and IRP Sites  12:	A917002332300 / RAB sification 0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSS dthe IRP Site 14 landfill. PP for IRP Site 14; complete RI; FS, PP& DD for many states of the IA; complete RI; compl	Study   IRA   0 Design   2 RA-C   0 RA-C   0 LTM   0 IRP   2   1   1   1   1   1   1   1   1   1	11 4(6) 1 1 4 1 0 Final RC	0 0(0) 0 0 0 0 : FY 20:	17 0(0) 0 3 1 2	0(0) 0 0 0 0	1 10 2 12	0 2 0 0 0 7 2016	FUND FUND FUND FUND FUND FUND FUND FUND	FUND FUND FUND FUND FUND FUND FUND FUND	\$43,958 \$11,257 \$244 \$5,897 \$12,270 \$235 \$62,861	\$482 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$482	\$0 \$1,041 \$0 \$285 \$123 \$1,449	\$96 \$0 \$0 \$0 \$96 \$00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$2,106 \$0 \$1,030 \$354 \$114	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$1,507 \$0 \$0 \$1,953 \$275 \$195 \$3,930	\$148 \$0 \$0 \$0 \$0 \$148 \$0	FY13 FY14 FY15 FY16 FY11-Comp. FY11-Comple	\$3,034 \$1,239 \$1,474 \$2,344 <b>IRP</b> <b>MMRP</b> <b>ete</b>	\$1,2 \$19,0 \$1,4 \$20,4

	IR	P Sites and MRSs by C	lassifica	ation		Study	9	1	9	0	0	0		\$14,432	\$0	\$605	\$0	\$1,058	\$0	\$0	\$0	FY13 \$179	\$0
Response Complete	9	Response Complete	1			IRA	3(3)	0(0)	0(0)	0(0)				\$1,008	\$0	\$255	\$0	\$2,495	\$0	\$474	\$0	FY14 \$3,077	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	1	0	0	4	0		\$0	\$0	\$0	\$0	\$37	\$0	\$41	\$0	FY15 \$2,163	\$0
Medium	5	MRSPP-2	0	MRSPP-8	0	RA-C	0	1	0	0	4	0		\$287	\$0	\$0	\$0	\$563	\$0	\$1,010	\$0	FY16 \$3,185	\$0
Low	4	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2	0		\$0	\$0	\$0	\$0	\$0	\$0	\$176	\$0	FY11-Comp. IRP	\$14,702
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	1	0	0	3	0		\$15	\$0	\$15	\$0	\$0	\$0	\$39	\$0	FY11-Comp. MMRP	\$0
Not Required	0	MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 201	9 1	ARS Fina	d RC: FY	2007	Total	\$15,742	\$0	\$875	\$0	\$4,153	\$0	\$1,740	\$0	FY11-Complete	\$14,702
Total IRP Sites	18	MRSPP-6	0	Total MRSs	1																		

IRP Progress Submitted Final SI/SA report for IR Sites 1,2,4,7A,10E,11,12,13, and 17. Received NFA for IR sites 7B,8, 9, and 16. Completed TCRA at Site 2. in FY10: Prepared work plan for extended Site Inspection at IR Sites 1, 4, 7A, 11, 12, and 13.

MMRP Progress No progress reported. in FY10:

IRP Progress Planned Additional soil removal action for IR Site 2. Implement work plan for extended Site Inspection at IR Sites 1, 4, 7A, 11, 12, and 13. Commence site for FY11-FY12: assessments for UST 1 and 2.

MMRP Progress Planned No actions planned. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Sta	tus (	of Installation	s wit	h FY11 to Compl	leti	on C	ost E	stima	te Gr	eater	Than	\$10,0	000,00	0							Defe	nse Envir	onmental Re	estoration	ı Program
DoD Con	none	ent - Installatio	n / FF	FID / NPL or Propo	osed	I NPI	, / BR	AC Ye	ar / I	RAB/	СТС Г	elta f	rom F	Y09*											
202 001	-pon-		11, 11					oleted		erway	Fut		_	chedule	Costs Th	rough	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
					P	Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								5	Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																									
$\overline{}$	N DII	CO NS / CA01700	242800	0 / RAB / C-TECH																					<u>'</u>
IVAVI - SE					т.	Study	14	,	9	1		0	REG	REG	\$48,124	\$1,503	\$1,392	\$162	\$931	\$0	\$891	0.3	FY13	\$3,192	\$401
Bosnones Complete	12	P Sites and MRSs by	Liassinca	ation	_	-		0(0)		0(0)	,	0													\$408
High	0 MRSPP-3 0 Evaluation Pending 0 RA-O 4 0 1 0 0 0 \$1,235 \$0 \$55 \$0 \$30 \$0 \$56 \$0 FY11-Comp. IRP \$															\$415									
Medium	10 MRSPP-1 0 MRSPP-7 0 Design 1 0 0 0 0 0 0 FUND FUND S235 S0 S0 S0 S0 S0 S0 S0 S0 S0 FY15 S8,277 mm 0 MRSPP-2 1 MRSPP-8 0 RA-C 1 0 1 0 2 1 FUND FUND S3,534 S0 S2,356 S0 S750 S0 S894 S0 FY16 S12,552 S0 MRSPP-3 0 Evaluation Pending 0 RA-O 4 0 1 0 0 0 S1,235 S0 S55 S0 S30 S0 S56 S0 FY11-Comp. IRP S0 MRSPP-4 0 No Known/Suspected 0 LTM 1 0 0 1 7 1 S562 S1,955 S0 S1,710 S0 S200 S61 S395 FY11-Comp. MMRP S2															\$422									
Low	m 0 MRSPP-2 1 MRSPP-8 0 RA-C 1 0 1 0 2 1 FUND S3,534 S0 S2,356 S0 S750 S0 S894 S0 FY16 S12,552 0 MRSPP-3 0 Evaluation Pending 0 RA-O 4 0 1 0 0 0 S1,235 S0 S55 S0 S30 S0 S56 S0 FY11-Comp. IRP \$4  valuated 0 MRSPP-4 0 No Known/Suspected 0 LTM 1 0 0 1 7 1 S62 S1,955 S0 S1,710 S0 S20 S61 S395 FY11-Comp. MMRP \$20															\$40,755									
Not Evaluated	0 MRSPP-3 0 Evaluation Pending 0 RA-O 4 0 1 0 0 0 S1,235 50 S55 50 S30 S0 S56 S0 FY11-Comp. IRP \$4  valuated 0 MRSPP-4 0 No Known/Suspected 0 LTM 1 0 0 1 7 1 S62 S1,955 S0 S1,710 S0 S200 S61 S395 FY11-Comp. MMRP \$26  equired 1 MRSPP-5 0 No Longer Required 1 IRP Final RC: FY 2036 MRS Final RC: FY 2028 Total \$114,129 \$3,458 \$3,803 \$1,872 \$1,711 \$200 \$3,075 \$395 FY11-Complete \$300															\$263,242									
Not Required	valuated 0 MRSPP-4 0 No Known/Suspected 0 LTM 1 0 0 1 7 1 562 \$1,955 \$0 \$1,710 \$0 \$200 \$561 \$395 FY11-Comp. MMRP \$200 \$1 MRSPP-5 0 No Longer Required 1 IRP Final RC: FY 2036 MRS Final RC: FY 2028 Total \$114,129 \$3,458 \$3,803 \$1,872 \$1,711 \$200 \$3,075 \$395 FY11-Complete \$300 \$300 \$1.00 \$1															\$303,997									
Total IRP Sites	Required 1 MRSPP-5 0 No Longer Required 1 IRP Final RC: FY 2036 MRS Final RC: FY 2028 Total \$114,129 \$3,458 \$3,803 \$1,872 \$1,711 \$200 \$3,075 \$395 FY11-Complete \$303,505																								
IRP Progr	ess Cont	inued Remedial Investigation	n/Feasibili	ty Studies (RI/FS) on IRP Site 1, 2,	3, 4, 1	7 and 23.	Continue	SI at IRP Sit	e 18 and 2	0. Develop	pre-draft		MMRF	Progress	Implement L	UCs for IRI	Site 6 (AK	A UX006).	Conduct UX	O Survey with	nin propose	d Child Develo	pment Center (CD	C) footprint. Pr	repare Public
		ork Plan for IRP Site 24.									•			in FY10:	Outreach Pro	ogram for IR	P Site 6. Co	ontinue MRP	Site 100 SI.	Closed 28-lo	ations with	in MRP Site 10	00.	•	
		ned activated for FY10 inclu d 2. Continue SI at IRP Site		ROD for IRP Site 3 and IRP Site 4. and Initiate SI at IRP-24.	. Initiat	te remedia	al activities	at IRP Site	3. Contin	ue RI/FS for	r IRP Site	MMRI		Planned 11-FY12:		Implement	IRP Site 6 ¿	Public Outre	each Program	n. Continue N	IRP Site 10	0 investigation	and evaluate poten	tial Navy dred	ge areas for
NAVY - SI	EAL BI	EACH NWS / CA9	170024	49100 / RAB																					*
		P Sites and MRSs by			1	Study	77	3	2	3	0	0	REG	REG	\$39,794	\$1,053	\$952	\$0	\$348	\$0	\$604	\$850	FY13	\$1,003	\$1,456
Response Complete		Response Complete	3		_	IRA	17(18)	0(0)	0(0)	0(0)			REG	REG	\$16,608	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$810	\$0
High	1	MRSPP-1	0	MRSPP-7		Design	2	0	0	0	0	1	FUND	FUND	\$2,908	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$642	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	1	0	0	1	FUND	FUND	\$7,578	\$0	\$162	\$0	\$525	\$0	\$0	\$0	FY16	\$17,373	\$185
Low	1	MRSPP-3	0	Evaluation Pending	0 ]	RA-O	2	0	1	0	0	0			\$12,233	\$0	\$1,048	\$0	\$800	\$0	\$814	\$0	FY11-Comp	. IRP	\$27,551
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	1	0	2	0			\$2,364	\$0	\$297	\$0	\$375	\$0	\$173	\$0	FY11-Comp	. MMRP	\$9,300
Not Required	20	MRSPP-5	2	No Longer Required	3	IRP Fi	nal RC:	FY 2022	2	MRS Fina	al RC: FY	2019		Total	\$81,485	\$1,053	\$2,459	\$0	\$2,048	\$0	\$1,591	\$850	FY11-Comp	lete	\$36,851
Total IRP Sites	79	MRSPP-6	0	Total MRSs	6	Five-Ye	ear Revie	w Underw	ay																
IRP Progr	ess Com	pleted bio-remedial optimiz	atiion/RA-	O. Completed RA-C and implement	ted RA	O for Site	70. Contin	ued LTM a	Site 7. C	ompleted pl	nase 1 site		MMRF	Progress	Awarded Site	e Inspection	for MRP Si	tes UXO 1, 2	., 6, AOC1 a	and AOC2.					
in FY	10: inve	stigation at UST 007.												in FY10:											
IDD D. DI	,											)	. D	DI 1											
		n LTM at Site 40. Continue 007. Start groundwater inv		ite 70. Initiate FS/ROD at Site 74. ( at Site 75 (Ag. Well)	Continu	ue LTM at	t Site 7. Co	mplete addi	tional inve	estigation to	close out	MMRI		Planned 11-FY12:	Complete Sit	te Inspection	for UXOs 1	1, 2, 6, AOC	1 and AOC2.	!					
NAVY - TI	REASU	JRE ISLAND NS /	CA917	002333000 / BRAC 1993	3 / RA	AB / C-	-EST																		
	IR	P Sites and MRSs by	Classific	ation		Study	27	0	8	0	0	0			\$44,491	\$0	\$455	\$0	\$897	\$0	\$270	\$0	FY13	\$137	\$0
Response Complete		Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$77,933	\$0	\$10,764	\$0	\$3,369	\$0	\$2,304		FY14	\$384	\$0
High	7	MRSPP-1	0	MRSPP-7	0 I	Design	4	0	2	0	4	0			\$3,354	\$0	\$61	\$0	\$0	\$0	\$68		FY15	\$78	\$0
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	6	0	4	0			\$37,622	\$0	\$881	\$0	\$484	\$0	\$2,035	\$0	FY16	\$309	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	0	0	2	0			\$461	\$0	\$0	\$0	\$162	\$0	\$242	\$0	FY11-Comp	. IRP	\$26,787
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	2	0	11	0			\$1,634	\$0	\$0	\$0	\$660	\$0	\$264	\$0	FY11-Comp	. MMRP	\$0
Not Required	2	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 2032	:	MRS Fin:	al RC: FY	7 -		Total	\$165,495	\$0	\$12,161	\$0	\$5,572	\$0	\$5,183	\$0	FY11-Comp	lete	\$26,787
Total IRP Sites	35	MRSPP-6	0	Total MRSs	0	Five-Ye	ear Revie	w Planned	l for Fut	ure													-		
IRP Progr	ess Refe	r to Page F-178.											MMRF	Progress	No MMRP s	ites identifie	ed.								
in FY		-												in FY10:											

MMRP Progress Planned No MMRP sites identified.
for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned Refer to Page F-178. for FY11-FY12:

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding \*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

	ponent - Installation	/ FFID / NPL or Pro	opose	a NPL								Y 09* Schedule	Costs Tl	hrongh	FY10 1	Funde	EV11 Ex	zooution	EV12	Planning	1		
				Phase		pleted MMRP		erway MMRP	IRP	ure MMRP	1	act**	FY10 (		)bligate		Planned			te (\$000)	Estima	ted Costs	(\$000)
				- mase			Sites (A		11(1	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
California																							
_	EASURE ISLAND NS HU	INTERS PT ANNEY / CA	\ 91 <b>7</b> 00′	2278400	/ NPI	/ RRAC	1991 /	RAR															
NAVI-IK	IRP Sites and MRSs by Cla		171700	Study	66	0	A 1991 /	0	0	0			\$181,984	\$0	\$3,998	\$0	\$354	\$0	s	0 \$0	FY13	\$39,565	
Response Complete	64 Response Complete	o		IRA	0(0)	0(0)	0(0)	0(0)	-	0			\$301,205	\$0	\$40,876	\$0	\$13,738	\$0	\$20,67		FY14	\$42,615	
High	4 MRSPP-1	0 MRSPP-7	0	Design	10	0	4	0(0)	1	0			\$13,363	\$0	\$1,987	\$0	\$2,890	\$0	\$2,01		FY15	\$38.614	
Medium	2 MRSPP-2	0 MRSPP-8	0	RA-C	10	0	5	0	1	0			\$152,890	\$0	\$27,059	\$0	\$24,671	\$0	\$36,54		FY16	\$39,040	
Low	0 MRSPP-3	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$373	\$0	\$0	\$0	\$0	\$0	S		FY11-Comp		\$450
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	3	0	3	0			\$27,706	\$0	\$8,990	\$0	\$110	\$0	\$23		FY11-Comp		7.12.
Not Required	0 MRSPP-5	0 No Longer Required	0			FY 202	1		al RC: F		_	Total	\$677,521	\$0	\$82,910	\$0	\$41,763	\$0	\$59,47		FY11-Comp		\$450
Total IRP Sites	70 MRSPP-6	0 Total MRSs	0					Planned for				10441	ψ077,021	φσ	ψ02,710	ψο	\$11,700	φυ	40,,1,	φσ	1 111 comp	1000	7.22
IRP Progres	S Refer to Page F-88.										MMRI		No MMRP s	sites identified	i.								
in FY10	):											in FY10:											
IRP Progress Planne	d Defer to Dage E 88									MMRI	P Progres	s Planned	No MMRP s	itas idantifias	1								
for FY11-FY12										.,,,,,,,,,		11-FY12:		sites identified	1.								
_																							
NAVY - TU	STIN MCAS / CA9173024	78300 / BRAC 1991/1995	/ RAB																				
	IRP Sites and MRSs by Cla	assification		Study	12	0	0	0	0	0	FUND		\$19,519	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY13	\$894	
Response Complete	7 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)			FUND		\$27,602	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY14	\$993	
High	0 MRSPP-1	0 MRSPP-7	0	Design	3	0	2	0	0	0	FUND		\$2,925	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY15	\$921	
Medium	2 MRSPP-2	0 MRSPP-8	0	RA-C	3	0	2	0	0	0	FUND		\$13,839	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY16	\$937	
Low	0 MRSPP-3	0 Evaluation Pending	0	RA-O	0	0	3	0	2	0			\$6,389	\$0	\$804	\$0	\$780	\$0	\$49	0 \$0	FY11-Comp	. IRP	\$14
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	1	0	0	0			\$634	\$0	\$85	\$0	\$224	\$0	\$10	9 \$0	FY11-Comp	. MMRP	
Not Required	3 MRSPP-5	0 No Longer Required	0	IRP Fi	nal RC:	FY 203	7	MRS Fin	al RC: F	Y -		Total	\$70,908	\$0	\$889	\$0	\$1,004	\$0	\$59	9 \$0	FY11-Comp	lete	\$14
Total IRP Sites	12 MRSPP-6	0 Total MRSs	0	Five-Ye	ear Revie	w Compl	leted and	Planned fo	or Future												_		
IRP Progres in FY10	S Refer to Page F-181.										MMRI	Progress in FY10:	No MMRP s	sites identified	i.								
IRP Progress Planne	d n.c., n									MMDI	D Drogress	c Plannad	No MMRP s	to the steel	,								
for FY11-FY12										IVIIVIIXI		11-FY12:		sites identified	1.								
NAVY - TW	ENTYNINE PALMS MC	AGCC / CA91730243490	0 / C-T	ECH																			
	IRP Sites and MRSs by Cla	assification		Study	64	0	0	2	0	0	FUND	FUND	\$17,290	\$230	\$0	\$230	\$0	\$0	S	0 \$0	FY13	\$467	
	60 Response Complete	0		IRA	12(12)	0(0)	0(0)	0(0)					\$9,257	\$0	\$0	\$0	\$0	\$0	s			\$495	
Response Complete		0 MRSPP-7	0	Design	1	0	0	0	0	2			\$236	\$0	\$0	\$0	\$0	\$0	S			\$342	
	0 MRSPP-1			RA-C	15	0	0	0	0	2			\$3,529	\$0	\$0	\$0	\$0	\$0	s		FY16	\$448	
High	0 MRSPP-1 0 MRSPP-2	0 MRSPP-8	0										\$939	\$0	\$0	\$0	\$0	\$0	s				\$9
High Medium		0 MRSPP-8 0 Evaluation Pending	2	RA-O	2	0	0	0	0	0									- D	0 \$0	FY11-Comp	. IRP	φ
High Medium Low	0 MRSPP-2		0 2 0		2	0	8	0	3	2			\$3,262	\$0	\$298	\$0	\$630	\$0	\$82		FY11-Comp FY11-Comp		
Response Complete High Medium Low Not Evaluated Not Required	0 MRSPP-2 0 MRSPP-3	0 Evaluation Pending	0 2 0	RA-O LTM	10	0	8	0	3	2		Total		\$0 <b>\$230</b>	\$298 <b>\$298</b>	\$0 \$230	\$630 <b>\$630</b>	-		1 \$0	FY11-Comp	. MMRP	\$5
High Medium Low Not Evaluated	0 MRSPP-2 0 MRSPP-3 0 MRSPP-4	0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required	0 2 0 0	RA-O LTM	10		8	0		2		Total	\$3,262					\$0	\$82	1 \$0		. MMRP	\$5 \$15,
High Medium Low Not Evaluated Not Required Fotal IRP Sites	0 MRSPP-2 0 MRSPP-3 0 MRSPP-4 4 MRSPP-5	0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSs	0 2 0 0 2	RA-O LTM IRP Fi	10 nal RC:	0 FY 201	3	0 MRS Fin	3 al RC: F	2	ММЫ		\$3,262	\$230	\$298	\$230	\$630	\$0	\$82	1 \$0	FY11-Comp	. MMRP	\$5

for FY11-FY12: document institutional controls required at several sites.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Sta	itus of Installations	s with FY11 to Compl	etion (	Cost E	stima	ite Gi	eater	Than	\$10,0	000,00	00						Defer	nse Envir	ronmental Re	estoration	Program
DoD Con	nponent - Installation	n / FFID / NPL or Propo	sed NP	L/BR	AC Y	ear / I	RAB /	CTC I	Delta f	rom F	Y09*										
		1		Com	pleted	Und	erway	Fut	ture	FY10 S	Schedule	Costs Throug				xecution	I	Planning			(4000)
			Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	oact**	FY10 (\$000)	Obligat	ed (\$000)	Planne	d (\$000)	Estima	ite (\$000)	Estima	ated Costs	(\$000)
						Sites (A	ctions)			IRP	MMRP	IRP MMF	P IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																					
	CE - REALE AID FORCE	BASE / CA957212450800 / BR	A.C. 2005	Daalian	ment / I	DAR / C	-FST														
AIRTORG			Study	41	19	3	61	12	3	_		\$41,995 \$12,	62 \$674	\$9,652	\$2,253	\$10,947	\$0	- 60	FY13	\$4,398	\$22,39
D C	IRP Sites and MRSs by C	assification	IRA	25(37)	0(0)	7(7)	0(0)	12	3	-		, ,	\$0 \$2,282	\$9,632	\$2,233	\$10,947	\$0		FY14	\$3,009	\$8,30
Response Complete High	20 Response Complete 0 MRSPP-1	0 MRSPP-7	0 Design	+	0(0)	4	0(0)	1	61				\$0 \$2,282 \$0 \$0		\$0	\$0 \$0	\$0		FY15	\$9,544	\$1,95
Medium	6 MRSPP-2	0 MRSPP-8	0 RA-C	13	0	4	0	3	61			,.	\$0 \$0	-	\$0	\$0	\$0		FY16	\$2,859	\$1,75
Low	3 MRSPP-3		81 RA-O	3	0	12	0	11	0			,	\$0 \$3,138	\$0	\$399	\$0	\$3,023		FY11-Comp.		\$29,71
Not Evaluated	16 MRSPP-4	0 No Known/Suspected	0 LTM	3	0	0	0	3	61				\$0 \$5,150 \$0 \$0		\$200	\$0	\$0,025		FY11-Comp		\$70,82
Not Required	11 MRSPP-5	No Longer Required		inal RC:		-	MDS Fin	al RC: F			Total	\$151,199 \$12,		\$9,652	\$2,852		\$3,023		FY11-Comp		\$100,53
Total IRP Sites				mai KC.	FT 200	,5	WIKS FIII	ai RC. T	1 2017		10441	ψ101,133 ψ12,	ψο,ον	ψ,,σε2	42,002	Ψ10,517	40,020	Ψ	TTTT Comp	icic	
				a formar M	OGAS faci	lity or wall	ac aroundus	ntor		MMRI	P Progress	Completed the draft	inal bacawida	CE Dhasa II	Papart All	MMDD Sitor	wara saaras	l under the MI	O CDD raquirament	A basawida DI	with EE/CAs
in FY																A basewide Ki	WILLI EE/CAS				
	IRP Progress Basewide RI was initiated for MMRP sites. Also, an interim remedial action was initiated for a former MOGAS facility as well as groundwater  MMRP Progress Completed the draft final basewide CSE Phase II Report. All MMRP Sites were scored under the MRSPP requirement. A basewide RI																				
IRP Progress Plam for FY11-FY		ojected to be funded for the installation.							MMRI		ss Planned 711-FY12:	Complete the RI and	EE/CAs scope	l and awarded	l in FY10.						
101 F111-F1	12.									101 1 1	111-F 1 12.										
A ID FOR	CE EDWADDS AID EOD	RCE BASE / CA957172450400	/ NIDI / D	D A C 20	05 Dool		· / DAD	/ C TEC	TI / C D	DEC /C	ECT										
AIRFORG			_		US Real			/ C-IEC		EG/C	-ESI										
	IRP Sites and MRSs by C	Classification	Study	242	7	20	6	8	8	_		\$162,308 \$10,	_	\$0	\$3,065	\$0	\$2,478		FY13	\$52,910	\$6,75
Response Complete	204 Response Complete	0	IRA	94(144)	0(0)	39(47)	0(0)	_				******	\$0 \$10,167	\$0	\$2,928	\$0	\$14,278		FY14	\$18,457	\$26,83
High	0 MRSPP-1	0 MRSPP-7	0 Design	9	0	7	0	18	0	-		, .	\$0 \$1,066	\$0 \$0	\$0	\$0 \$0	\$0		FY15	\$19,357	\$55,19
Medium	13 MRSPP-2	0 MRSPP-8	0 RA-C	35	0	8	0	21	12			,.	\$0 \$0		\$0	Ψ0	\$10,462		FY16	\$34,339	\$58,62
Low Not Evaluated	33 MRSPP-3 8 MRSPP-4	0 Evaluation Pending 0 No Known/Suspected	21 RA-O	16	0	13	0	40	6	-		417,107	\$0 \$5,294	\$0	\$10,235	\$0	\$13,637		FY11-Comp		\$667,80
Not Required	8 MRSPP-4 12 MRSPP-5	0 No Known/Suspected 0 No Longer Required	0 LTM		0	1	Ü	39	12			47,744	\$0 \$535	\$0 \$0	\$56	\$0	\$0		FY11-Comp		\$325,85 \$993,66
*		~ .		inal RC:				al RC: F	Y 2024		Total	\$397,672 \$10,	33 \$30,448	\$0	\$16,284	\$0	\$40,855	\$0	FY11-Comp	lete	\$993,00
Total IRP Sites		0 Total MRSs	21 Five-	ear Revi	ew Planne	ed for Fut	ure														
IRP Progr in FY	'ess Refer to Page F-50.									MMRI	P Progress in FY10:	Refer to Page F-50.									
	201																				
IRP Progress Plans	ned Refer to Page F-50.								MMRI	P Progres	ss Planned	Refer to Page F-50.									
for FY11-FY	12:									for FY	711-FY12:										
_																					
AIR FORG	CE - GEORGE AFB / CA9	57002445300 / NPL / BRAC 19	88 / RAB	/ C-ES	Γ								_								
	IRP Sites and MRSs by C	Classification	Study	66	5	11	3	0	0			\$25,988	55 \$1,405	\$55	\$590	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	62 Response Complete	3	IRA	30(32)	0(0)	7(8)	0(0)					\$25,998	\$0 \$1,262	\$0	\$1,060	\$0			FY14	\$0	\$
High	1 MRSPP-1	0 MRSPP-7	0 Design	1	0	0	0	0	0				\$0 \$0		\$0	\$0	\$0		FY15	\$0	\$
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	1	0	0	0	0	3			\$32,277	\$0 \$0	\$0	\$0	\$0	\$0		FY16	\$0	\$
Low	0 MRSPP-3	0 Evaluation Pending	5 RA-O	1	0	4	2	8	0			\$30,941	\$0 \$990	\$0	\$2,210	\$1,144	\$12,562		FY11-Comp		\$45,41
Not Evaluated	10 MRSPP-4	0 No Known/Suspected	0 LTM	5	0	14	0	10	0			\$7,786	\$0 \$234	\$0	\$487	\$0	\$10,913		FY11-Comp		\$1,14
Not Required	4 MRSPP-5	0 No Longer Required	3 IRP I	inal RC:	FY 204	10	MRS Fin	al RC: F	Y 2012		Total	\$124,634	55 \$3,891	\$55	\$4,347	\$1,144	\$23,475	\$3	FY11-Comp	lete	\$46,56
Total IRP Sites	77 MRSPP-6	0 Total MRSs	8 Five-	ear Revi	ew Comp	leted and	Planned fo	or Future													
IRP Progr in FY	ress Refer to Page F-80.									MMRI	P Progress in FY10:	Refer to Page F-80.									
IRP Progress Plans	ned Refer to Page F-80.								MMRI		ss Planned	Refer to Page F-80.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installatio	on / Fl	FID / NPL or Pr	opose	ed NPI	. / BR	AC Y	ear / R	AB/	CTC D	elta f	rom F	Y09*											
							pleted	Unde		Fut	-		chedule	Costs Tl FY10 (		FY10 l Obligate			xecution d (\$000)			Estima	ted Costs	(\$000)
					Phase	IRP		IRP		IRP 1	MMRP	шр	act**	F 1 10 (	(9000)	Obligate	a (\$000)	rianne	և (ֆՍՍՍ)	Estima	ite (\$000)	Listina	ecu costs	(ψοσο)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
California																								
♦ AIR FORC	E - MARCH AIR FOR	CE BAS	E / CA95721245270	0 / NPI	L / BRAC	C 1993/	2005 Re	ealignme	nt / RAl	B / C-TE	ECH / C	-REG /	C-EST											
•	IRP Sites and MRSs by	Classific	ation		Study	48	3	0	0	2	0			\$12,124	\$0	\$117	\$0	\$126	\$0	\$1,242	\$0	FY13	\$2,534	
esponse Complete	40 Response Complete	3			IRA	0(0)	0(0)	0(0)	0(0)					\$31,041	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,235	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$1,742	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$2,274	
/ledium	1 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$87,013	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,720	
ow	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$21,581	\$0	\$1,292	\$0	\$2,098	\$0	\$2,236	_	FY11-Comp		\$38
Not Evaluated	2 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$6,236	\$0	\$1,095	\$0	\$706	\$0	\$2,105		FY11-Comp		
lot Required	7 MRSPP-5	0	No Longer Required	3	IRP Fi	nal RC:	FY 204	11 N	ARS Fina	al RC: FY	1999		Total	\$159,737	\$0	\$2,504	\$0	\$2,930	\$0	\$5,583	\$0	FY11-Comp	lete	\$38
otal IRP Sites	50 MRSPP-6	0	Total MRSs	3	Five-Y	ear Revie	ew Comp	leted and F	lanned fo	or Future														
in FY1	ned Refer to Page F-109.										MMRI	Progres	Progress in FY10: s Planned 111-FY12:											
♦ AIR FORC	CE - MATHER AFB / CA	A957002	474300 / NPL / BRA	C 198	8 / RAB	/ C-ES	Γ																	
	IRP Sites and MRSs by	Classific	ation		Study	89	5	0	0	0	0			\$58,701	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
esponse Complete	74 Response Complete	4			IRA	44(52)	0(0)	0(0)	0(0)					\$5,921	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	28	0	0	0	0	0			\$9,308	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	29	0	0	1	0	0			\$49,271	\$1,412	\$0	\$1,412	\$0	\$0	\$0	\$0	FY16	\$3,171	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	6	0	15	0	0	0			\$86,530	\$0	\$8,848	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$47
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	5	0	3	0	14	0			\$3,629	\$0	\$115	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
Not Required	15 MRSPP-5	0	No Longer Required	4	IRP Fi	nal RC:	FY 206	57 N	ARS Fina	al RC: FY	2011		Total	\$213,360	\$1,412	\$8,963	\$1,412	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$47
Total IRP Sites	89 MRSPP-6	0	Total MRSs	5	Five-Y	ear Revie	ew Comp	leted and F	lanned fo	or Future														
IRP Progress Plann for FY11-FY1	ned Refer to Page F-113.										MMRI	Progres	Progress in FY10: s Planned 11-FY12:											
AIR FORC	CE - MCCLELLAN AFB			BRAC										-								ı		
т.	IRP Sites and MRSs by		ation		Study	82	1	242	1	0	0	<u> </u>		\$311,667	\$1,340	\$13,791	\$0	\$1,364	\$108	\$0		FY13	\$90,810	
Response Complete	42 Response Complete	1		_	IRA	170(354)	0(0)	193(193)	0(0)			<u> </u>		\$134,478	\$0	\$4,570	\$0	\$259	\$0	\$0		FY14	\$98,653	
ligh	86 MRSPP-1	0	MRSPP-7	0	Design	9	0	1	0	271	0			\$55,222	\$0	\$323	\$0	\$406	\$0	\$3,681		FY15	\$98,793	
Iedium	41 MRSPP-2	0	MRSPP-8	0	RA-C	2	0	8	0	273	0			\$78,637	\$0	\$1,462	\$0	\$1,399	\$0	\$32,176		FY16	\$94,057	
ow	19 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	1	0	3	1	<u> </u>		\$59,701	\$0	\$82	\$0	\$105	\$2,941	\$288		FY11-Comp		\$57
ot Evaluated	135 MRSPP-4 1 MRSPP-5	0	No Known/Suspected	0	LTM	0	0	6	0	153	0	L		\$1,420	\$0	\$0	\$0	\$1	\$0	\$8,242		FY11-Comp		657
ot Required		0	No Longer Required	1	-		FY 206			al RC: FY	2012		Total	\$641,125	\$1,340	\$20,228	\$0	\$3,534	\$3,049	\$44,387	\$0	FY11-Comp	lete	\$57
in FY			Total MRSs	2	Five-Y	ear Kevie	ew Comp.	leted and F	rianned fo	or Future			Progress in FY10:					_						
IRP Progress Plann for FY11-FY1											MMRI		s Planned 11-FY12:	Refer to Pag	ge F-115.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Sta	itus o	1 Installation	s wit	h FYII to Comp	let	ion C	ost E	stima	ite Gi	reater	Than	\$10,0	00,00	00							Defer	ise Envir	ronmental R	estoration	1 Program
DoD Con	ipone	nt - Installatio	n / FI	ID / NPL or Prop	ose	d NPI	/ BR	AC Y	ear / ]	RAB/	СТС Г	)elta fi	rom F	Y09*											
	•						Com	oleted	Und	lerway	Fut	ure	FY10 S	chedule	Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12 J	Planning			
						Phase		MMRP		MMRP			Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ated Costs	(\$000)
										Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																									
	יד די	AVIS AID FODCI	E DAGI	E / CA957182457500 / N	IDI	/ DAD /	C EST																		
AIRFORG					VFL	Study	42 42	0	0	2	6	0			\$39,539	\$1,402	\$0	\$951	\$0	\$0	\$0	\$1.402	FY13	\$12,804	\$591
D Cl.t.		P Sites and MRSs by C	Jassine	ation		IRA	25(48)	0(0)	19(21)	0(0)	-	U			\$39,339	\$1,402	\$147	\$931	\$4,140	\$0			FY14	\$12,804	\$213
Response Complete High		MRSPP-1	0	MRSPP-7	0	Design	17	0(0)	2	0(0)	0	1			\$10,592	\$0	\$0	\$0	\$4,140	\$0	_		FY15	\$1,500	\$51
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	12	0	16	0	0	2			\$22,135	\$0	\$1,176	\$0	\$0	\$0				\$1,580	\$45
Low	0 MRSPP-3 0 Evaluation Pending 2 RA-O 1 0 1 0 21 0 S3,132 S0 S0 S0 S0 S0 S0 S0 FY11-Comp. IRP aluated 6 MRSPP-4 0 No Known/Suspected 0 LTM 1 0 1 0 21 2 S2,226 S0 S0 S0 S0 S0 S0 S0 FY11-Comp. MMRP															\$47,72									
Not Evaluated	aluated 6 MRSPP-4 0 No Known/Suspected 0 LTM 1 0 1 0 21 2 \$2,226 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0															\$2,96									
Not Required	22		0		0		nal RC•		6					Total				-					<del></del>	•	\$50,68
Total IRP Sites			0		2							2014			*********	72,102	7-,	7,22	* ,,	7.		+=,	TTTT COMP	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , ,
IRP Progr	IRP Sites 48 MRSPP-6 0 Total MRSs 2 Five-Year Review Completed and Planned for Future  IRP Progress Refer to Page F-177.  MMRP Progress Refer to Page F-177.																								
in FY	IRP Sites 48 MRSPP-6 0 Total MRSs 2 Five-Year Review Completed and Planned for Future																								
IRP Progress Plant for FY11-FY		to Page F-177.										MMRP		s Planned 11-FY12:	Refer to Pa	ge F-177.									
101 1 111-11	12.												101 1 1	11-1 112.											
AIR FOR	TE - VA	NDFNRFRG AIR	FORC	CE BASE / CA95711251	14900	n / RAR																			
AIRTOR					1700		221	35	10	12	246	0			\$134,190	\$10,178	\$12,221	\$3,821	\$9,196	\$0	\$5,300	62 905	FY13	\$11,365	\$1,394
D G 1/1		P Sites and MRSs by C	Jassine	ation		Study		0(0)		11(11)	240	U			\$48,554	\$46,207	\$12,221	\$14,784	\$7,729	\$0				\$7,703	\$1,394
Response Complete High		Response Complete MRSPP-1	9	MRSPP-7	0	IRA Design	51(67)	0(0)	9(17)	0	1	0			\$48,554	\$46,207	\$0	\$14,784	\$7,729	\$0	_		FY14 FY15	\$7,703 \$6,854	\$10,843
Medium		MRSPP-2	0	MRSPP-8	0	RA-C	26	0	6	0	3	10			\$7,497	\$0	\$0	\$0	\$0	\$0			FY16	\$1,232	\$58
Low	14	MRSPP-3	0	Evaluation Pending	38	RA-O	0	0	1	0	12	0			\$3,044	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$85,87
Not Evaluated	246	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	3	0	18	10			\$3,606	\$0	\$702	\$0	\$0	\$0			FY11-Comp		\$23,73
Not Required	1	MRSPP-5	0	No Longer Required	9		nal RC:			MRS Fina				Total	\$202,588		\$12,923	\$18,605	\$17,773	\$0	\$22,006		FY11-Comp	_	\$109,60
Total IRP Sites	477	MRSPP-6	0	Total MRSs	47					Planned fo		1 2021		Total	\$202,500	\$50,505	\$12,723	\$10,000	φ17,773	\$0	\$22,000	\$5,005	T T TT-Comp	nete	φ103,00
													MMRI	Progress	A	lti=l= =it= D	I d	-1	-ti						
in FY	10: Wast	e; Basewide Performance Ba	ased Conti	ty Advisory Board ; Community R ract; Site 2 Treatment for Benzene	Rebou	ınd; Sampli	ng to Supp	ort Low Ris	sk Closure	; Deep Aquif	er Data		WINIKI	in FY10:	Awarded II	iuitipie site K	1 and surface	ciearance ac	HOIIS.						
	Mate	ering Support FS; Site 3 FS	s; Site 15 I	Distal Plume Treatability Study; Sit	te 15 L	Data Gap Sa	mpling; Si	e 20 ROD;	S1045 Ba	asewide DD;	Basewide														
IRP Progress Plant	ned GIS	DATA MANAGEMENT; G	EITA CA	B Support; GEITA CAB Support; nance Based Contract; Site 13 PCE	GEITA	A ADMINS	ITRATIVE	RECORD	SUPPOR	T; GEITA C	ontractor	MMRP	Progres	s Planned 11-FY12:	Complete t	he surface cle	earances and	RIs scoped a	nd awarded i	n FY10.					
101 1111-11		Disposal; and Basewide Nati			3 3011 1	excavation,	SHE IS EF	.i =O Team	LAII Suao	egy, site 25 t	stockplied		101 1 1	11-F 1 12:											
DEFENSE	LOCI	STICS ACENCY	DD C	AN JOAQUIN, SHARP	IC IC A	CII IT	V/CA	0071520	183200	/ NIDI / (	DEC /	C FST													
DISTURBIS					E FF						_				010.100		#0				-	- 00	E77.4.2		
		P Sites and MRSs by C	Classific	ation I		Study	152	0	0	0	0	0			\$10,106	\$0	\$0	\$0	\$0	\$0			FY13	\$1,581	\$
Response Complete		Response Complete	0	MRSPP-7	0	IRA	12(21)	0(0)	0(0)	0(0)	-	0			\$200	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	_			\$1,254 \$1,118	\$
High Medium		MRSPP-1 MRSPP-2	0	MRSPP-7 MRSPP-8	0	Design RA-C	44	0	0	0	0	0			\$2,903 \$26,039	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0			FY15 FY16	\$1,118	\$(
Low	0	MRSPP-3	0	Evaluation Pending	0	RA-O		0		0	0						\$2,861	\$0					FY16 FY11-Comp		\$101,84
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	11	0	9	0	8	0			\$41,745 \$364	\$0 \$0	\$2,861	\$0 \$0	\$1,923	\$0 \$0			^		\$101,84
Not Required	0	MRSPP-5	0	No Longer Required	0		8 1 D.C							Total	\$364	\$0 \$0	\$2.861	\$0	\$14 <b>\$1,937</b>	\$0 \$0	\$1,406		FY11-Comp		\$101,84
Total IRP Sites	152	MRSPP-6	0	Total MRSs	0		nal RC:			MRS Fina Planned fo		Υ -		1 otai	\$81,357	\$0	\$2,861	\$0	\$1,937	\$0	\$1,406	\$0	r 111-Comp	лете	φ101,04
			0	1 Otal MKSS	U	rive-Y	ai Kevle	w Compi	cieu and	r ianned IC	n ruture		10.5	· P											
IRP Progr in FY		to Page F-42.											MMRI	Progress in FY10:	No MMRP	sites identifi	ed.								
	_											3 63 6DD		D1 1											

MMRP Progress Planned No MMRP sites identified.

for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned Refer to Page F-42. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	nponent - Installa	tion / E	EID / NDL on D	****	od MDI	/ <b>DD</b>	ACV		DAD / 4	CTC D	alta f	nom E	W/00*	7									
DoD Com	nponent - Instana	uon / F	FID / NPL OF P	ropos	ea NFI		pleted		erway	Futi			Schedule	Costs Through	FY10	Funds	FY11 E	xecution	FY12	Planning			
						IRP MMRP IRP MMRP IRP				Import**			FY10 (\$000) Obligated (\$000)							Estimated Costs (\$000)			
								Sites (A				IRP	MMRP	IRP MMRF	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																							
_	LOGISTICS AGENO	W - DD S	AN IOAOUIN TR	CVE	CHIT	7 / САО	0715069	82700 /	NPL / C-	DFC / C	-FCT												
DEFENSE				ICI F	Study	74	0	1 1	NIL/C-	0	0	1		\$15,562    \$	\$155	50	60	\$0	S		FY13	\$1,204	
Response Complete	IRP Sites and MRSs		cation		IRA	17(18)	0(0)	0(0)	0(0)	0	U			\$3,924 \$		\$0	\$0	\$0	\$0		FY14	\$1,204	
High	69 Response Compl 0 MRSPP-1	lete	0 MRSPP-7	<u> </u>	Design	31	0(0)	0(0)	0(0)	0	0			\$5,640 \$		\$0	\$0					\$1,122	
Medium	0 MRSPP-2		0 MRSPP-8	0	RA-C	36	0	1	0	0	0			\$49,880 \$		\$0		\$0	_		FY16	\$1,365	
Low	0 MRSPP-3		0 Evaluation Pending	0	RA-O	8	0	4	0	1	0			\$34,270 \$			\$2,588	\$0	\$1,189		FY11-Comp.	. ,	\$20,6
Not Evaluated	1 MRSPP-4		0 No Known/Suspected	0	LTM	13	0	5	0	4	0			\$564 \$			\$36	\$0	_		FY11-Comp.		,.
Not Required	5 MRSPP-5		No Longer Required	0	_		FY 202	24	MRS Fina	IRC: FY			Total	\$109,840 \$			\$2,624	\$0		_	FY11-Comp		\$20,6
Total IRP Sites	75 MRSPP-6		0 Total MRSs	0	-				derway, an					,,									
IRP Progress Refer to Page F-43. in FY10:  IRP Progress Planned Refer to Page F-43. for FY11-FY12:											MMRP Progress No MMRP sites identified. in FY10:  MMRP Progress Planned No MMRP sites identified. for FY11-FY12:												
FORMERI	LY USED DEFENSE	SITES - E	ORDER FIELD ST	ATE P	ARK / C	A99799	F81340	00															
IRP Sites and MRSs by Classification						0	0	0	1	0	0			\$0 \$25	2 \$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Compl	lete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$	) \$(	\$0	\$0	\$0	SO	\$0	FY14	\$0	:
High	0 MRSPP-1		0 MRSPP-7	0	Design	0	0	0	0	0	1			\$0 \$	) \$(	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2		0 MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0 \$	) \$(	\$0	\$0	\$0	\$0	\$0	FY16	\$0	5
Low	0 MRSPP-3		Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0 \$	) so	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	5
Not Evaluated	0 MRSPP-4		No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0 \$	\$(	\$0	\$0	\$0	so	\$0	FY11-Comp.	. MMRP	\$10,3
Not Required	0 MRSPP-5		No Longer Required	0	IRP Fi	IRP Final RC: FY - MRS Final RC: FY							Total	\$0 \$25	2 \$6	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,3
Total IRP Sites	0 MRSPP-6		Total MRSs	1																			
IRP Progress No IRP sites identified. in FY10:  IRP Progress Planned No IRP sites identified. for FY11-FY12:											MMRP Progress No activities completed in FY10, MMRP Site Inspection Report Completed/Finalized December 17, 2007. in FY10:  MMRP Progress Planned No work anticipated for next two years until Baseline MMRP SI's are completed. for FY11-FY12:												
FORMERI	LY USED DEFENSE	SITES - B	ORREGO SPRING	S / CA	99799F7	74300																	
	IRP Sites and MRSs	by Classifi	cation		Study	0	1	0	5	0	0			\$0 \$2,63			\$0	\$6,775	\$0		FY13	\$0	\$1,7
Response Complete	0 Response Compl	lete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$			\$0	\$0	\$0		FY14	\$0	\$22,6
High	0 MRSPP-1		0 MRSPP-7	0	Design	0	0	0	0	0	5	_		\$0 <b>\$</b>			\$0				FY15	\$0	\$8,8
Medium	0 MRSPP-2		0 MRSPP-8	0	RA-C	0	0	0	0	0	5			\$0 \$			\$0				FY16	\$0	
Low	0 MRSPP-3		Evaluation Pending	6	RA-O	0	0	0	0	0	0			\$0 \$			\$0				FY11-Comp.		*
Not Evaluated	0 MRSPP-4		No Known/Suspected	0	LTM	0	0	0	0	0	5			\$0 \$			\$0		_		FY11-Comp.		\$61,4
Not Required	0 MRSPP-5 0 MRSPP-6		No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	al RC: FY	2085		Total	\$0 \$2,63	2 \$6	\$303	\$0	\$6,775	\$0	\$2,246	FY11-Comp	lete	\$61,4
Total IRP Sites 0 MRSPP-6 0 Total MRSS 6  IRP Progress No IRP sites identified. in FY10:  IRP Progress Planned No IRP sites identified.											MMRP Progress Site Inspection (SI) was started at MMRP projects 1,2,3,5, and 6. Remedial Investigation/Feasibility Study (RI/FS) at Project 04 was ongoing. in FY10:  MMRP Progress Planned Progress Planned For Next Two Fiscal Years MMRP Site Inspection (SI) will be completed at MMRP projects for: Project 01: 13-OCT-2010, Project												
for FY11-FY1											MMRI	for F	X11-FY12:	Progress Planned For 1 02: 10-NOV-2010, Pro	Next Two Fis ejct 03: 10-N	OV-2010, Pro	IRP Site Insp oject 05: 10-1	NOV-2010.	vill be comp Project 04 R	leted at MMR temedial Inves	P projects for: Project stigation Feasibility	et 01: 13-OCT St.	-2010, Project

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	n / FI	FID / NPL or Pi	ropos	ed NPI	L/BR	AC Y	ear / ]	RAB / G	CTC D	elta f	rom F	Y09*	7										
T				1			pleted		erway	Futi		FY10 S	chedule	Costs Th			Funds				Planning	To di	. 10 4	(0000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (S	\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																								
	USED DEFENSE SITI	ES - C	ADIZ LAKE A TO	G GUI	INERY	RGE /	CA 9979	9F5378	:00															
TOMMEME	IRP Sites and MRSs by C			0 001	Study	0	0	0	1	0	0			so	\$161	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	SC
Response Complete	0 Response Complete	0	auon		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0	\$0	\$0		FY14	\$0	\$C
High	0 MRSPP-1	0	MRSPP-7	1 0	Design	0	0	0	0	0	1			\$0	\$0			\$0	\$0	_		FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.	IRP	\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$24,83
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	l RC: FY	2056		Total	\$0	\$161	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Compl	ete	\$24,83
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1																	-		
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No IRP sites identified.  No IRP sites identified.										MMRI	Progres	in FY10:	No activities  No work anti							Finalized Sept	ember 25, 2008.		
FORMERLY	USED DEFENSE SITI	ES - C	AMP CALLAN / CA	A99799	F539400	)																		
_	IRP Sites and MRSs by C	Classific	ation		Study	2	0	0	1	0	0			\$11	\$212	\$0	\$6	\$0	\$1,941	\$0	\$187	FY13	\$0	\$0
Response Complete	2 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$(
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	1			\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$10,68
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 200	4	MRS Fina	l RC: FY	2040		Total	\$19	\$212	\$0	\$6	\$0	\$1,941	\$0	\$187	FY11-Compl	ete	\$10,683
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1	1									•										
IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:	No progress reported.  No actions planned.										MMRI	Progres	in FY10:	MMRP Site i					le.					
FORMERLY	USED DEFENSE SIT	ES - C	AMP COXCOMB /	CA997	99F5390	500																		
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$208	\$0	\$11	\$0	\$0	\$0	\$0	FY13	\$0	\$6
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0	\$0	\$0		FY14	\$0	\$(
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY15	\$0	\$(
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0			FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0			FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY11-Comp.		\$14,21
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	l RC: FY	2079		Total	\$0	\$208	\$0	\$11	\$0	\$0	\$0	\$0	FY11-Compl	ete	\$14,219
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No IRP sites identified.  No IRP sites identified.										MMRI	Progres	in FY10:	MMRP Site i					SI's are comp	oleted.				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	onent - Installatio	on / FFID / NPL or Propo	sed NP	L/BR	AC Y	ear / I	RAB / G	CTC I	)elta f	rom F	Y09*											
												Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12	Planning			
			Phase							Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
			Thuse					1101		_	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																						
	V LICED DEFENCE CIT	ES CAMPELLIOT/CA0070	00E527500																			
FORWIERL				1									62.405		6244		61.40		0.400	TIVA 2		01.5
	-	Classification		1		_	2	0	0				-									
Response Complete		2		<del>- `</del>		H		<u> </u>					-									
High				-			-															. ,
Medium				<del>                                     </del>	_													_				
Low		<u> </u>		1						-				-	-	-				_		
Not Evaluated	Property   Property																					
Not Required		0 1	2 IRP F	inal RC:	FY -		MRS Fina	al RC: F	Y 2022		Total	\$0	\$13,490	\$0	\$955	\$0	\$140	\$0	\$2,007	FY11-Compl	ete	\$39,
Total IRP Sites		0 Total MRSs	4																			
IRP Progress Planne	d No IRP sites identified.								MMRI	Progres for FY	s Planned	Tierra Sant	a: Finish 3rd	Recurring re	eview Phase.	Mission Tra	ils: Finish 3r	d Recurring			mini RI/FS pl	ase and Start
FORMERL	Y USED DEFENSE SIT	ES - CAMP ESSEX / CA99799	F539900																			
•	IRP Sites and MRSs by	Classification	Study	0	0	0	2	0	0			\$0	\$321	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High		0 MRSPP-7	0 Design	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	2 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	SO	_		IRP	
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	FY11-Comp.	MMRP	\$25,
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP F	inal RC:	FY -		MRS Fina	al RC: F	Y 2079		Total	\$0	\$321	\$0	\$0	\$0	\$0	so	\$0	FY11-Compl	ete	\$25,
Total IRP Sites	0 MRSPP-6	0 Total MRSs	2													•						
in FY10	d No IRP sites identified.								MMRI	P Progres	in FY10:	Site Inspect	tion Report C	ompleted/F	inalized Augu	ıst 21, 2007.			Completed/Fin	alized September 19	, 2007. 02 Pr	oject MMRP
FORMERL	Y USED DEFENSE SIT	ES - CAMP HAAN / CA99799	F540000																			-
•	IRP Sites and MRSs by	Classification	Study	0	0	1	1	0	0			\$5,105	\$147	\$457	\$27	\$73	\$19	\$0	\$5	FY13	\$2,972	
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$864	
High		0 MRSPP-7	0 Design	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$184	\$0	\$0	\$0	FY15	\$307	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$2,716	\$0	FY16	\$307	
Low	0 MRSPP-3	0 Evaluation Pending		0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	_			IRP	
Not Evaluated	1 MRSPP-4	0 No Known/Suspected	0 LTM	1	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	so		_		\$1,
Not Required	0 MRSPP-5	0 No Longer Required		inal RC:	FY 201	3	MRS Fina	al RC: F	Y 2104		Total	\$5,105	\$147	\$457	\$27	\$257	\$19	\$2,710				
Total IRP Sites	1 MRSPP-6		1		201	-						,										
IRP Progres										MMRI		MMRP SI 1	phase work.									
		initiate removal action work.							MMRI			Complete N	MMRP SI pha	ase work and	d reports.							

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	n / FI	FID / NPL or Pro	opose	ed NPI	. / BF	RAC Y	ear / l	RAB / G	CTC D	Delta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure		Schedule								Planning	Fetimo	ted Costs	(0002)
					Phase	IRP			MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligat	ed (\$000)	Planned	a (\$000)	Estima	ite (\$000)	Estilla	ieu Cosis	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
California																								
FORMERLY	USED DEFENSE SIT	ES - C	AMP IRON MOUN	TAIN /	CA997	99F224	600																	
<b>Y</b>	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$194	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
lot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	FY11-Comp	. MMRP	\$13
lot Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -		MRS Fina	al RC: FY	Y 2040		Total	\$0	\$194	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$132
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY10:  IRP Progress Planned for FY11-FY12:	No IRP sites identified.  No IRP sites identified.										MMRI	Progres	in FY10:				ars until Base			•	August 21, 20			
FORMERLY	USED DEFENSE SIT	ES - C	AMP LOCKETT / C	CA9979	9F9799	00																		
*	IRP Sites and MRSs by C	lassific	ation		Study	1	0	0	1	0	0			\$0	\$211	\$0	\$0	\$0	\$0	so	\$0	FY13	\$0	
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0			\$0	\$0	SC		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$13	\$0			\$0	\$0	\$0		FY15	\$0	
Medium .	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$137	\$0	\$0	\$0	\$0	\$0	SC		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	so		FY11-Comp.	IRP	
Not Evaluated	o MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$19
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY 200	)2	MRS Fina	al RC: FY	Y 2039		Total	\$150	\$211	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$19
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1	1																			
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No progress reported.  No actions planned.										MMRF	Progres	in FY10:				MRP Site Ins				September 21,	2007.		
FORMERLY	USED DEFENSE SIT	ES - C	AMP PENDLETON	- MAR	RINE CO	DRPS /	CA9979	9FA06	100															
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$187	\$0		\$0	\$15	\$0		FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0			\$0				FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7		Design	0	0	0	0	0	1			\$0	\$0	_		\$0		-		FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0		0	0	0	0	0	1			\$0	\$0	_		\$0				FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	_		\$0	\$0			\$0				FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	232.11	0	0	0	0	0	1			\$0	\$0		-	\$0				FY11-Comp		\$1
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -		MRS Fina	al RC: FY	Y 2105		Total	\$0	\$187	\$0	\$187	\$0	\$15	\$0	\$96	FY11-Comp	lete	\$10
IRP Progress in FY10:	0 MRSPP-6 No IRP sites identified.	0	Total MRSs	1								MMRI	Progress in FY10:	MMRP Site	Inspection	Contract aw	ard.							
IRP Progress Planned for FY11-FY12:	No IRP sites identified.										MMRI	Progres for FY	s Planned 11-FY12:	MMRP Site	Inspection	associated T	PP, SSWP, fie	eld work and	Final SI Rep	oort to follow	w			

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	ı / FI	FID / NPL or Pr	opose	ed NPI	/ BR	AC Y	ear / ]	RAB /	СТС Г	elta f	rom F	Y09*											
				_		Com	pleted	Und	lerway	Fut	ure	FY10 S	Schedule			FY10					Planning			(0.00)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	<b>\$000</b> )	Obligate	ed (\$000)	Planne	1 (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
									Actions)			-	MMRP	IRP !	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																								
	USED DEFENSE SITI	ES - C	AMP SAN LUIS OI	BISPO /	CA997	99F688	000																	
	IRP Sites and MRSs by C				Study	4	0	0	1	0	0			\$279	\$2,809	\$0	\$2,461	\$0	\$722	\$0	\$0	FY13	\$46	
Response Complete	4 Response Complete	0			IRA	0(0)	0(0)	0(0)	1(1)					\$0	\$1,113	\$0		\$0	\$0	\$0		FY14	\$46	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$250	\$0	\$0		\$0	\$0	\$0		FY15	\$46	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY16	\$97	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0			FY11-Comp		\$1,0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	0	1			\$786	\$0	\$13		\$90	\$0			FY11-Comp		\$21,3
Not Required	0 MRSPP-5	0	No Longer Required	0			FY 199	7	MRS Fin		7 2021	_	Total	\$1,315	\$3,922	\$13		\$90	\$722	\$72		FY11-Comp		\$22,3
Total IRP Sites	4 MRSPP-6	0	Total MRSs	1	1 1111	nai RC.	11 1))	,	WIKS FIII	arke. r	2021		10	ψ1,010	40,722	410	φυ, το τ	ψ,	Ų, 22	Ų.,	\$3.10	TTIT Comp	icic	7,-
IRP Progress	Conducted ground water sampling	g, prepare		monitorin	g wells resu	lts.						MMRI	Progress	Time Critica	l Removal	Action (TCR	A) field worl	completed.	Started Rem	edial Invest	tigation/Feasib	ility Study (RI/FS).		
in FY10:													in FY10:											
IDD Duoquoo Dlounod			,								MMDI	D Ducous	a Dlannad	P P				D.T. (TOC)						
for FY11-FY12:	Continuing monitoring well with	Semi-Ani	iual sampling.								WIWIKI	for FY	s Planned 711-FY12:	Finish Reme	dial Investi	gation/Feasil	oility Study (	KI/FS).						
_																								
FORMERLY	USED DEFENSE SITI	ES - C	AMP STONEMAN	/ CA99	<b>799F57</b> 1	1400																		
	IRP Sites and MRSs by C	lassific	ation		Study	0	0	1	1	0	0			\$1,189	\$205	\$19	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$105	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$337	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$5	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$5
Not Evaluated	1 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$13,4
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	8	MRS Fin	al RC: F	2116		Total	\$1,189	\$205	\$19	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$14,0
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1																		_		
IRP Progress in FY10:	Completed the SI in FY10 and pro	ogramme	d the RI/FS in 2011.									MMRI	Progress in FY10:	No MMRP v	work comple	eted in FY10	l.							
IRP Progress Planned	Placed RI/FS onto the FY11 work	nlan									MMRI	P Progres	s Planned	No work pla	nnad									
for FY11-FY12:	riaced Ki/r3 onto the r r r r work	рын.									141141141		11-FY12:	NO WOIK pia	illicu.									
FORMERLY	USED DEFENSE SITI	ES - C	AMP YOUNG (CA	MA)/C	CA99799	F54110	0																	
,	IRP Sites and MRSs by C	lassific	ation		Study	0	1	0	1	0	0			\$0	\$339	\$0	\$10	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0	\$0		FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	1	LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY11-Comp		\$16,7
Not Required	0 MRSPP-5	0	No Longer Required	0			FY -		MRS Fin		7 2109		Total	\$0	\$339	\$0		\$0	\$0	\$0		FY11-Comp		\$16,7
Total IRP Sites	0 MRSPP-6	0	Total MRSs	2	- INI F	nai ic.			.,110 1 111	m KC. F	4107		1	Ψ	Ψυυ)	\$0	510		φ0	φ.	\$0	1 111 Comp		7-0,1
	No IRP sites identified.		1 otal 1111/05		<u> </u>							MMRI	Progress in FY10:	MMRP Site	inspection I	Report comp	leted April 20	), 2010						
m r 110;													m r 1 10;											
IRP Progress Planned	No IDD sites identified										MMRI	P Progres	s Planned	No work ant	iginated for	novt two vo	are until Race	lina MMDD	SI's are comp	leted				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Con	nponent - Installatio	n / FI	FID / NPL or Pr	opose	ed NPI	/ BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*	7										
	•						pleted		erway	Fut		FY10 S	Schedule				Funds		Execution			F. 4	. 1.0	(0000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	<b>\$000</b> )	Obligat	ed (\$000)	Planr	ned (\$000)	Estima	ate (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
California																								
FORMERI	LY USED DEFENSE SIT	ES - C	ARRIZO IMPACT	AREA	/ CA99	99F79	8100																	
<b>Y</b>	IRP Sites and MRSs by O				Study	0	0	0	2	0	0			\$0	\$564	\$	0 \$0		\$0 \$0	\$	0 \$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$	0 \$0		\$0 \$0	\$	0 \$0	FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2			\$0	\$0	\$	\$0		\$0 \$0	\$	0 \$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	2			\$0	\$0	\$	\$0		\$0 \$0	\$	0 \$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$0	\$0	\$	\$0		\$0 \$0	\$	0 \$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	2			\$0	\$0	\$	\$0		\$0 \$0	\$	0 \$0	FY11-Comp	. MMRP	\$41
lot Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -	1	MRS Fina	ıl RC: FY	2099		Total	\$0	\$564	\$	\$0		\$0 \$0	\$	0 \$0	FY11-Comp	lete	\$41
otal IRP Sites	0 MRSPP-6	0	Total MRSs	2																				
in FY	ned No IRP sites identified.										MMRI	Progres	Progress in FY10:											
for FY11-FY	· 						-					for FY	711-FY12:											
FORMERI	LY USED DEFENSE SIT			GE / CA	1		1																	
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$218	\$			\$0 \$1,191			FY13	\$0	:
desponse Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0				\$0 \$0			FY14	\$0	\$1
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0			_	\$0 \$0			FY15	\$0	\$1
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0				\$0 \$0			FY16	\$0	\$1
LOW	0 MRSPP-3 0 MRSPP-4	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0				\$0 \$0			FY11-Comp		017
Not Evaluated	0 MRSPP-4 0 MRSPP-5	0	No Known/Suspected No Longer Required	0	LTM	0	0	0	0	0	1			\$0	\$0				\$0 \$0			FY11-Comp		\$15 \$15.
Total IRP Sites	0 MRSPP-6	0		0	IRPF	nal RC:	FY -	1	MRS Fina	al RC: FY	2069		Total	\$0	\$218	\$	\$52		\$0 \$1,191	. \$	\$79	FY11-Comp	lete	\$15
		0	Total MRSs	1							1		-											
in FY	ned No IRP sites identified.										MMRI	Progres	in FY10:						Plus site was cl		47 with no ME	C found since that po	eriod of time.	
_	LY USED DEFENSE SIT	FS - D	DV CANVON ADT	птер	VDAN	CF / C	A 00700I	F5/3100																
FORMER	IRP Sites and MRSs by C			T T T I I	Study	0	0	0	1	0	0	I		\$0	\$204	S	50 \$0	ı	\$0 \$0	S	0 50	FY13	\$0	
samanaa G1	,	assinc	ation		IRA	0(0)	0(0)	0(0)	0(0)	0	U	$\vdash$		\$0	\$204			_	so so			FY14	\$0	
igh Complete	0 Response Complete 0 MRSPP-1	0	MRSPP-7	1 0	_	0(0)	0(0)	0(0)	0(0)	0	1	$\vdash$		\$0 \$0	\$0				\$0 \$0 \$0 \$0			FY14 FY15	\$0	
ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0 \$0	\$0			_	so so	_		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0				\$0 \$0			FY11-Comp		
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	$\vdash$		\$0	\$0				\$0 \$0 \$0		_	FY11-Comp		\$13
ot Required	0 MRSPP-5	0	No Longer Required	0		-	FY -		MRS Fina		•		Total	\$0	\$204	\$	-		\$0 \$0	\$		FY11-Comp		\$13
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1	1.0.1	nai KCi			THE CALL	anc. Pl	. 2002		25001	Ψθ	Ψ204	. ,	φυ			II	- 50	1 - 111 - Comp.		ΨΙ
IRP Progr in FY													in FY10:						eport Complete		March 12, 200	9.		
IRP Progress Plant for FY11-FY	ned No IRP sites identified. 12:										MMRI	Progres for FY	s Planned '11-FY12:	No work ant	icipated for	next two ye	ears until Base	eline MMF	RP SI's are com	pleted.				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

## O MISSPE   0 MISSPE   1 Evaluation   0 MISSPE   1 Evaluation   0 February   0 F	DoD Comp	onant - Installation	n / FI	ID / NPI or Pr	onoce	d NDI	/ RP	AC V	oor / 1	PAR /	СТС Г	)alta f	rom F	*00V	┐										
Proper   1	DoD Comp	onent - mstanation	1/1/1	ID/NIL OI II	opose	UNII							_		Costs Th	rangh	FV10	Funds	FV11 E	vecution	FV12.1	Planning			
Steel Actions   IRP   MARR						Dhaga																	Estima	ated Costs	(\$000)
In a control   In a						rnase	IKF				IKI	WIWIKP	IDD	MMDD	IDD N	имрр	IDD	MMDD	IDD	MMDD	IDD	MMDD	Ficael Voor	IDD	MMDD
Port   Program	C-1:C:-								Dittes (1	10010)			IKI	WIVIKI	IKI	IIVIKI	IKI	MINIKI	IKI	WIVIKI	IKI	WINIKI	riscai Teai	IKI	WIWIKI
FORMERLY USED DEFENSE SITES - FORT BARRY / CA97997689300 / C-EST   Image: Complete   Supplement Complete   S	_																								
spaces Complete 0 Represes Complete 0 MISSPFS	FORMERLY	USED DEFENSE SITI	ES - El	L CENTRO ROCKI	ET TA	RGET N	O. 2 (#	93) / CA	199799	F <b>754000</b>															
1		IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$154	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Section   Sec	Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
Mark	High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	
Final Base   MissPi-4   MissPi-6   MissPi-7   MissPi-	Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0				
Reprint   Section   MassPr5   O No. Langer Required   O   Total MRS	Low		1		0	RA-O	0	0	0	0	0	0	_		\$0	\$0	\$0	\$0	\$0	\$0	\$0				
A	Not Evaluated		0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$10,
RP Progress   No. RP - data skindfield   Section   Sec	Not Required		0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fin	al RC: F	Y 2053		Total	\$0	\$154	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,
## FORMERLY USED DEFENSE SITES - FORT BARRY / CA99799F689300 / C-EST  ## FORMERLY USED DEFENSE SITES - FORT BARRY / CA99799F689300 / C-EST  ## FORMERLY USED DEFENSE SITES - FORT BARRY / CA99799F689300 / C-EST  ## FORMERLY USED DEFENSE SITES - FORT BARRY / CA99799F689300 / C-EST  ## Private and MRS-by Classification  ## BAR	Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
FORMERLY USED DEFENSE SITES - FORT BARRY / CA99799F689300 / C-EST    IRP Sites and MRSs by Classification   Study   1   1   2   0   0   0   0   0   0   0   0   0													MMR		MMRP Site I	inspection l	Report Comp	leted/Finaliz	ed November	r 11, 2009.					
RP Sites and MRSs by Classification												MMRI			No work anti-	cipated for	next two yea	rs until Base	line MMRP	SI's are comp	oleted.				
Sponse Complete   0 Response Complete   1 Re	FORMERLY	USED DEFENSE SITI	ES - FO	ORT BARRY / CA9	9799F6	89300 /	C-EST																		
Sponse Complete   0 Response Complete   1	<b>*</b>	IRP Sites and MRSs by C	lassific	ation		Study	1	1	2	0	0	0			\$2,780	\$145	\$1,782	\$0	\$350	\$0	\$541	\$0	FY13	\$637	
gh   0 MRSPP-1	Response Complete		1			<u> </u>	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$652	
## FORMERLY USED DEFENSE SITES - FORT MCDOWELL / CA99799F\$74300 / C-TECH / C-EST  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in FY11 and is scheduled with completion in FY 2012.  ## RP Progress Planned Starting of the Ri in	High		0	MRSPP-7	0	Design	0	0	0	0	3	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$870	
## Evaluated 2 MRSPP-4 0 No Known/Suspected 0 LTM 0 0 0 0 2 0 0 50 50 50 50 50 50 50 50 50 50 50 50	Medium	1 MRSPP-2	0	MRSPP-8	0		0	0	0	0	3	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$1,070	
## Evaluated   2 MRSPP-4	Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$10,
tal IRP Sites	Not Evaluated	2 MRSPP-4	0		0	LTM	0	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
tal IRP Sites	Not Required	o MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 201	8	MRS Fin	al RC: F	Y 2010		Total	\$2,780	\$145	\$1,782	\$0	\$350	\$0	\$541	\$0	FY11-Comp	lete	\$10,
IRP Progress Harw St and CONHTRW investigations completed in FY 2010. Starting of the RI in FY11 and is scheduled with completion in FY 2012.    MMRP Progress Planned for FY11-FY12:   MMRP Progress Planned for FY11-FY11-FY11-FY11-FY11-FY11-FY11-FY11	Total IRP Sites	3 MRSPP-6	0	Total MRSs	1																				
TRP Sites and MRSs by Classification   Study   2   0   1   1   0   0	in FY10:				ng of the R	I is schedul	ed with cor	npletion in	FY 2012.			MMRI	P Progre	in FY10: ss Planned		•	l in FY 2010.								
Seponse Complete   0   Response Complete   0   Seponse Complete   Seponse Complete   0   Seponse Complete   Sepons	FORMERLY	USED DEFENSE SITI	ES - FO	ORT MCDOWELL	/ CA99	799F57	1300 / 0	-тесн	I / C-ES	ST															
Septionse Complete   0   Response Complete   0   Septionse Complete   Septionse Complete   0   Septionse Complete   0   Septionse Complete   0   Septionse Complete   Septionse Complete   0   Septionse Complete   Septionse Complete   0   Septionse Complete   0   Septionse Complete   Septionse	1	IRP Sites and MRSs by C	Classific	ation		Study	2	0	1	1	0	0			\$2,095	\$222	\$0	\$0	\$300	\$0	\$14	\$0	FY13	\$51	
gh   1 MRSPP-1   0 MRSPP-2   0 MRSPP-8   0 RA-C   0 0 0 0 0 2 1   50 50 50 50 50 50 50 50 50 50 50 50 50	Response Complete		0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$51	
MRSPP-2   0 MRSPP-8   0 RA-C   0 0 0 0 0 3 1 1   50 50 50 50 50 50 50 50 50 50 50 50 50	High		0	MRSPP-7	0	Design	0	0	0	0	2	1			\$0	\$0	\$0	\$0	\$0	\$0	\$25	\$0	FY15	\$51	
w 0 MRSPP-3 0 Evaluation Pending 1 RA-O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Medium	0 MRSPP-2	0	MRSPP-8	0	-	0	0	0	0	3	1			\$0	\$0	\$0	\$0	\$151	\$0	\$376			\$51	
the Evaluated 0 MRSPP-4 0 No Known/Suspected 0 LTM 0 0 0 0 1 1 1 50 50 50 50 50 50 50 50 50 50 50 50 50	Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0			. IRP	\$3,
Required 2 MRSPP-5 0 No Longer Required 0 IRP Final RC: FY 2016 MRS Final RC: FY 2073 Total \$2,095 \$222 \$0 \$0 \$451 \$0 \$415 \$0 FY11-Complete \$12 Total RP Sites 3 MRSPP-6 0 Total MRSS 1  IRP Progress RI work is programmed to start in FY 2011.  IRP Progress RI work is programmed to start in FY 2011.	Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1			\$0	\$0		\$0	\$0	\$0			_		\$10.
tal IRP Sites 3 MRSPP-6 0 Total MRSs 1  IRP Progress RI work is programmed to start in FY 2011.  in FY 10:  MMRP Progress Site has not been sequenced so no date has been established for the RI. in FY 10:	Not Required		0		0						al RC: F	Y 2073		Total											\$13,
IRP Progress RI work is programmed to start in FY 2011.  in FY 10:  MMRP Progress Site has not been sequenced so no date has been established for the RI.  in FY 10:	Total IRP Sites	3 MRSPP-6	0	, ,	1	/			-						. ,		70			, , ,		+0	comp		
	IRP Progress in FY10:	RI work is programmed to start in				1								in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	n / FI	TID / NPL or Pr	onose	d NPI	. / RR	AC V	ear /	RAR /	СТС І	)elta f	rom I	Y09*											
DoD Compo	ment - Instanation	17 1:1	ID / NI L OI II	opose	u M L		pleted		lerway		ure	_	Schedule	Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12	Planning	1		
					Phase				MMRP				pact**		(\$000)		d (\$000)				ate (\$000)	Estima	ted Costs	(\$000)
					liase	IKI		_	Actions)	IKI	WINIKI	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IDD	MMRP
California								Dittes (1	100101			IKI	WIVIKI	IKI	MINIKI	IKI	WIVIKI	IKI	WIWIKI	IKI	MMKI	riscai Teai	IKI	WIWIKI
<u>California</u>																								
FORMERLY	USED DEFENSE SITI	ES - H	AMILTON ARMY	AIRFII	ELD / C.	A99799	F90240	00 / RA	В															
	IRP Sites and MRSs by C	Classific	ation		Study	7	0	0	1	1	0			\$2,993	\$617	\$5	\$2	\$0	\$0	\$0	0 \$0	FY13	\$783	
Response Complete	5 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	0 \$0	FY14	\$116	
High	0 MRSPP-1	0	MRSPP-7	0	Design	3	0	1	0	0	1			\$8,760	\$0	\$38	\$0	\$0	\$0	\$511	1 \$0	FY15	\$1,137	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	5	0	2	0	0	1			\$60,053	\$0	\$5,031	\$0	\$580	\$0	\$421	1 \$0	FY16	\$5,556	
Low	2 MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	0	0	0	0			\$3,522	\$0	\$354	\$0	\$0	\$0	\$0	0 \$0	FY11-Comp	. IRP	\$22,7
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	4	0	1	0	1	1			\$2,883	\$0	\$164	\$0	\$90	\$0	\$30	0 \$0	FY11-Comp	. MMRP	\$8,0
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	20	MRS Fin	al RC: F	Y 2068		Total	\$78,211	\$617	\$5,592	\$2	\$670	\$0	\$962	2 \$0	FY11-Comp	lete	\$30,7
Total IRP Sites	8 MRSPP-6	0	Total MRSs	1																				
in FY10:	TCRA is being developed and exe fish and game restrictions work w Fieldwork is scheduled to comme	rill stop ur	itil early 2011.				lwork was	started in l	ate 2010 and	due to state	MMRI	P Progre	P Progress in FY10: ss Planned Y11-FY12:								is site will be c	onducted in FY11.		
FORMEDIA	LICED DEFENCE CITY	ee II	AMMED FIELD /	7 4 0070	DE-7-00	0.707	TECH /	C FCT																
FORMERLY	USED DEFENSE SITI			A9979																				
	IRP Sites and MRSs by C	Classific	ation		Study	2	0	0	1	1	0			\$4,126	\$187	\$0	\$0	\$0	\$0			FY13	\$448	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$450	\$0	\$0	\$0	\$0	\$0			FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	1			\$72	\$0	\$0	\$0	\$0	\$0			FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	1	1			\$2,696	\$0	\$10	\$0	\$790	\$0			FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$10,0
Not Evaluated	1 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	S	0 \$0	FY11-Comp	. MMRP	\$1,9
Not Required	2 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	20	MRS Fin	al RC: F	Y 2032		Total	\$7,344	\$187	\$10	\$0	\$790	\$0	\$0	0 \$0	FY11-Comp	lete	\$12,0
Total IRP Sites	3 MRSPP-6	0	Total MRSs	1																				
in FY10:	No activities conducted due to lac  CON/HTRW project is in the FY										MMR	P Progre	P Progress in FY10: ss Planned Y11-FY12:						P work.					
FORMERLY	USED DEFENSE SITI	ES - IR	ON MTN & KILBI	ECK H	ILLS / C	CA9979	9F5256	500																
4	IRP Sites and MRSs by C				Study	0	0	0	1	0	0			\$0	\$241	\$0	\$0	\$0	\$0	\$(	0 \$0	FY13	\$0	
Response Complete	0 Response Complete	0	*******		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0			FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0			FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0		\$0	\$0	\$0	\$0	_		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		
Not Evaluated	0 MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	-	\$0	\$0	\$0				FY11-Comp		\$49,
Not Required	0 MRSPP-5	1	No Longer Required	0						_	-	-	Total	\$0	\$241	\$0	\$0	\$0	\$0	\$6	_	FY11-Comp		\$49,
	0 MRSPP-6	0	Total MRSs	0	IKP Fi	nai RC:	FY -		MRS Fin	at KC: F	1 2064		1 otal	\$0	\$241	\$0	\$0	\$0	\$0	\$0	\$0	r 111-Comp	iete	P47,
Total IRP Sites  IRP Progress in FY10:	0 MRSPP-6 No IRP sites identified.	0	1 otal MKSs	1								MMR	P Progress	No activitie	es completed	in FY10, M?	MRP Site ins	pection Repo	rt completed	d September	18, 2007.			
IRP Progress Planned	No IRP sites identified.										MMR	P Progre	in FY10:	No work an	aticipated for	next two yea	ars until Base	line MMRP	SI's are comp	pleted.				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	n / FI	TID / NPI or Pr	ronose	ad NPI	/ RR	ACV	'09r / ]	DAR/	CTC D	alta f	rom F	V00*	7										
DoD compe	onent - Instanation	11 / 11	FID / IVI L OI I I	ороз			pleted		lerway	Futi		FY10 S	chedule	Costs Th		FY10					Planning	Ectimo	ted Costs	(\$000)
					Phase	IRP	MMRF	IRP	MMRP	IRP N	MMRP	Imp	act**	FY10 (\$	000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	ite (\$000)	Estilla	iteu Costs	(\$000)
								Sites (A	Actions)			IRP	MMRP	IRP M	IMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																								
	USED DEFENSE SITI	ES - M	ADERA BOMBIN	G RAN	GE / CA	99799E	594500	)																
	IRP Sites and MRSs by C				Study	0	0	0	1	0	0			so.	\$177	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0	ation		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0	\$0	\$C		FY14	\$0	\$C
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	\$(
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	\$0
Low	o MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$(
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$11,39
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	d RC: FY	2125		Total	\$0	\$177	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Compl	lete	\$11,394
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1																			
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No IRP sites identified.  No IRP sites identified.										MMRI	Progres	in FY10:	No progress re										
FORMERLY	USED DEFENSE SITI	ES - M	ODOC AERIAL G	UNNE	RY AND	BOMI	RING R	ANGE	/ CA9979	99FA503	300 / C-	TECH												
TORMERET				011112	Study	0	0	1	1	0	0	I		\$259	\$244	\$0	\$0	\$0	\$0	\$0	0.2	FY13	\$0	\$0
Daniel Complete	IRP Sites and MRSs by C	Jassine	ation		IRA	0(0)	0(0)	0(0)	0(0)	0	0			\$239 \$0	\$244	\$0		\$0	\$0	\$0		FY14	\$0	
Response Complete High	0 Response Complete 0 MRSPP-1	0	MRSPP-7	I 0	Design	0(0)	0(0)	0(0)	0(0)	0	1			\$0 \$0	\$0	\$0	_	\$0	\$0	\$0		FY14 FY15	\$0	\$0
Medium	0 MRSPP-2	- 0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY16	\$0	\$C
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0	\$0		FY11-Comp.		\$766
Not Evaluated	1 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY11-Comp.		\$22.18
Not Required	0 MRSPP-5	0	No Longer Required	0		nal RC:	FY 201	15	MRS Fina	IRC: FY	2094		Total	\$259	\$244	\$0		\$0	\$0	\$0		FY11-Comp		\$22,947
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1	1																, ,			
IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:	No progress reported.  No actions planned.			,							MMRI	Progres	in FY10:	No progress re										
FORMERLY	USED DEFENSE SITE	ES - M	OJAVE GUNNER	Y RAN	GE / CA	99 <b>7</b> 99F	A26200	)																
·	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$2,292	\$0	\$7	\$0	\$251	\$0	\$0	FY13	\$0	\$3,358
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)			İ		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$147	FY15	\$0	\$1,358
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$1,780
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. MMRP	\$34,71
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	d RC: FY	2024		Total	\$0	\$2,292	\$0	\$7	\$0	\$251	\$0	\$147	FY11-Comp	lete	\$34,71
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:	No IRP sites identified.  No IRP sites identified.										MMRI	Progres	in FY10:	RI/FS phase in			2011. Start R	D and RA, if	funds are av	ailable.				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Con	ponent - Installatio	n / FI	FID / NPL or Pr	opose	ed NPI	. / BR	RAC Y	ear / I	RAB / C	CTC D	elta f	rom F	Y09*	7										
							pleted		erway	Fut		FY10	Schedule				Funds		Execution			T. (1	. 10 .	(4000)
					Phase	IRP	MMRF	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligat	ed (\$000)	Plann	ed (\$000)	Estima	ite (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
California																								
FORMERI	LY USED DEFENSE SIT	ES - N	EEDLES DIVISION	I CAM	P / CA9	9799F5	53000																	
•	IRP Sites and MRSs by O				Study	0	0	0	1	0	0			\$0	\$189	\$(	\$0		50 \$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	S	\$0		\$0 \$0	\$0		FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0		\$0 \$0	\$0	\$0	FY15	\$0	
Лedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	S	\$0		\$0 \$0	\$(	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	S	\$0		\$0 \$0	\$0	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0		\$0 \$0	\$0	\$0	FY11-Comp	. MMRP	\$87,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -	]	MRS Fina	ıl RC: FY	2106		Total	\$0	\$189	\$(	\$0		\$0 \$0	\$0	\$0	FY11-Comp	lete	\$87,
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY	ess No IRP sites identified.  10:  10d No IRP sites identified.										MMRI		in FY10:						port completed P SI's are comp		l.			
for FY11-FY											MINIKI	for FY	711-FY12:	No work and	icipated for	next two ye	ars until Dase	mile iviivik	r si's are comp	neted.				
FORMERI	LY USED DEFENSE SIT	ES - P	OINT SAL ATG GU	N RGI	E / CA99	799F5	56700																	
1	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$178	S	\$178		\$0 \$20	\$0	\$15	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0		50 \$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$(	\$0		\$0 \$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$(	\$0		\$0 \$0	\$0	\$0	FY16	\$0	
Low	o MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0		\$0 \$0	\$0	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0		\$0 \$0	\$0	\$0	FY11-Comp	. MMRP	\$10,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -	1	MRS Fina	al RC: FY	2106		Total	\$0	\$178	\$(	\$178		\$0 \$20	\$0	\$15	FY11-Comp	lete	\$10,
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY	ned No IRP sites identified.										MMRI	Progre	in FY10:						PP August 25, 2					
FORMERI	LY USED DEFENSE SIT	ES - R	ICE VALLEY SAN	D DUN	ES / CA	997991	F525800	/ C-TE	СН															
	IRP Sites and MRSs by (	Classific	ation		Study	1	0	0	1	0	0			\$15	\$177	\$0	\$0		\$0	\$0	\$0	FY13	\$0	
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	S	\$0	5	\$0 \$0	SC	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1			\$15	\$0	\$0	\$0		\$0 \$0	\$0		FY15	\$0	
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$165	\$0	\$(		_	\$0 \$0	\$0		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$(	\$0		\$0 \$0	\$0		FY11-Comp		
lot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$(	\$0		\$0 \$0	\$0		FY11-Comp		\$11
lot Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY 199	7	MRS Fina	ıl RC: FY	2053		Total	\$195	\$177	\$(	\$0		\$0 \$0	\$0	\$0	FY11-Comp	lete	\$11,
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1																				
IRP Progress Plann											MMDE		in FY10:						port completed P SI's are comp		23, 2008.			
for FY11-FY											, , , , , , ,	for FY	11-FY12:	140 WOLK AIII	icipateu 101	next two ye	ars until Dast	and wint	i orsaic comp	neteu.				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

														7									
DoD Comp	onent - Installatio	n / F	FID / NPL or Pi	ropose	ed NPI							_	Y 09* Schedule	Costs Through	FV10	Funds	FV11 F	vecution	EV121	Planning			
					Phase		pleted MMDP		lerway MMRP	Futi		T	act**	FY10 (\$000)		ed (\$000)		d (\$000)		te (\$000)	Estimat	ed Costs	(\$000)
					liase	IKI			Actions)	IKI	ATIVIKI	_	MMRP	IRP MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California												II	IVIIVII I	in in in in in in in in in in in in in i	III	WINIKI	11(1	MINIA	INI	WINIKI	riscar rear	IKI	MINIKI
								_															
FORMERLY	USED DEFENSE SIT	ES - S	ISKIYOU BOMBIN	IG RAN	NGE / CA	199799	F596700	0										1					
	IRP Sites and MRSs by	Classific	ation		Study	0	0	1	1	0	0			\$51 \$7	\$		\$0	\$20	\$0		FY13	\$0	\$
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$0			\$0	\$0	\$0		FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1	-		\$0 \$0			\$0				FY15	\$0	\$
Medium	0 MRSPP-2 0 MRSPP-3	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0 \$0			\$0		_		FY16	\$0	\$90
Not Evaluated	1 MRSPP-4	0	Evaluation Pending No Known/Suspected	1	RA-O	0	0	0	0	0	0	-		\$0 \$0 \$0 \$0	\$		\$0 \$0				FY11-Comp. FY11-Comp.		\$13,97
	0 MRSPP-5	0	No Known/Suspected No Longer Required	0	LTM	0	0		_	0	-									_			
Not Required	1 MRSPP-6	0		0	IRPF	nal RC:	FY 201	3	MRS Fina	al RC: FY	2136		Total	\$51 \$7	\$	0 \$7	\$0	\$20	\$0	\$0	FY11-Comple	ete	\$14,87
Total IRP Sites		"	Total MRSs	1																			
IRP Progress in FY10:	HTRW SI scheduled in FY 2011											MMRI	Progress in FY10:	MRSPP to be complete	d in 2010.								
IRP Progress Planned for FY11-FY12:	RI scheduled in FY 2012.										MMRI	Progres for FY	s Planned '11-FY12:	MRSPP to be complete	d in 2011.								
FORMERLY	USED DEFENSE SIT	ES - S	ODA LAKE AIR-T-	-GROU	ND GUI	N RGE	/ CA99	799F56	3000														
<u> </u>	IRP Sites and MRSs by 0				Study	0	0	0	1	0	0			\$0 \$177	S	0 \$0	\$0	\$0	\$C	\$0	FY13	\$0	\$6
Response Complete	0 Response Complete	Lassiii	ation		IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$0					_		FY14	\$0	S
High	0 MRSPP-1	0	MRSPP-7	T 0	Design	0	0	0	0	0	1			\$0 \$0	_						FY15	\$0	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0 \$0							FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			so so			\$0		_		FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0 \$0			\$0				FY11-Comp.		\$17,12
Not Required	0 MRSPP-5	0	No Longer Required	0		nal RC:	FY -		MRS Fina	IRC: FY	2090		Total	\$0 \$177	\$		\$0		\$0		FY11-Comple		\$17,12
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	- 100 17	nai Re.	-		WING I III	arc. 11	2000			40	-		7.			7.	TTT Comp.		. ,
IRP Progress in FY10:	No IRP sites identified.			·								MMRI	Progress in FY10:	No activities completed	l in FY10, M	IMRP Site Ins	pection Repo	ort Complete	d/Finalized J	June 30, 2008.			
IRP Progress Planned for FY11-FY12:											MMRI	Progres for FY	s Planned '11-FY12:	No additional work ant	icipated unti	l Baseline MN	IRP SI's are	completed.					
FORMERLY	USED DEFENSE SIT	ES - T	EMECULA BOMB	TARG	ET #107	/ CA9	9799FA	49400						_									
	IRP Sites and MRSs by	Classific	eation		Study	0	0	0	1	0	0			\$0 \$166	\$	0 \$0	\$0	\$0			FY13	\$0	S
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	1(1)					\$0 \$1,071	\$	0 \$1,071	\$0	\$1,071	\$0		FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0 \$0			\$0				FY15	\$0	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0 \$0			\$0				FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0 \$0	\$	0 \$0	\$0	\$0	\$0		FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0 \$0	\$	0 \$0	\$0	\$0	\$0		FY11-Comp.		\$10,42
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	al RC: FY	2017		Total	\$0 \$1,237	\$	0 \$1,071	\$0	\$1,071	\$0	\$15	FY11-Comple	ete	\$10,42
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																			
IRP Progress in FY10:	No IRP sites identified.											MMRI	Progress in FY10:	Initiate removal action.									
IRP Progress Planned for FY11-FY12:	No IRP sites identified.										MMRI	Progres for FY	s Planned '11-FY12:	Complete interim remo	val action et	fort for MMR	P items.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installatio	n / FFID / NPL or Prop	posed N	PL / BI	RAC Y	ear / I	RAB /	CTC D	elta f	rom F	Y09*	7										
	•				pleted		erway	Fut		FY10	Schedule	Costs Tl			Funds		Execution			Т. (*	4 10 4	(0000)
			Phas	e IRP	MMRI	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligate	ed (\$000)	Planne	ed (\$000)	Estima	ite (\$000)	Estima	ted Costs	(\$000)
						Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
California																						
FORMERI	LY USED DEFENSE SIT	ES - TEMECULA BOMBING	G RANGI	#1 / CA	99 <b>7</b> 99F	47700																
<b>-</b>	IRP Sites and MRSs by 0		Stud		0	0	1	0	0			\$0	\$170	\$0	\$0	\$	0 \$0	\$(	\$0	FY13	\$0	
Response Complete	0 Response Complete	0	IR/	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$	0 \$0	) \$0	\$0	FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Desig	<b>n</b> 0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$	0 \$0	\$(	\$0	FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-	C 0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY16	\$0	
Low	o MRSPP-3	0 Evaluation Pending	1 RA-	0 0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY11-Comp.	IRP	
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	1 0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$	0 \$0	\$(	\$0	FY11-Comp.	MMRP	\$10,2
Not Required	0 MRSPP-5	0 No Longer Required	0 IRI	Final RC	: FY -		MRS Fina	al RC: FY	2047		Total	\$0	\$170	\$0	\$0	\$	0 \$0	\$(	\$0	FY11-Compl	ete	\$10,2
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
IRP Progre in FY	ess No IRP sites identified.  10:									MMR	Progress in FY10:	No activities	completed	in FY10, M	MRP Site Ins	pection Rep	oort Complete	ed/Finalized	May 18, 2009.			
IRP Progress Plann for FY11-FY1	ned No IRP sites identified.								MMRI	P Progres	s Planned 711-FY12:	No work ant	icipated for	next two ye	ars until Base	line MMRI	P SI's are com	pleted.				
FORMERI	LY USED DEFENSE SIT	ES - TRABUCO BOMBING	RANGE	CA9979	9 <b>F5347</b> 0	0																
,	IRP Sites and MRSs by 0	Classification	Stud	<b>y</b> 0	0	0	1	0	0			\$0	\$394	\$0	\$259	\$	0 \$0	\$(	\$0	FY13	\$0	
Response Complete	0 Response Complete	0	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$1,823	\$0	\$0	\$	0 \$0	) \$(	\$0	FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Desig	<b>n</b> 0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$	0 \$0	) S(	\$0	FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-	C 0	0	0	1	0	0			\$0	\$91	\$0	\$0	\$	0 \$0	\$(	\$0	FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-	0 0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$	0 \$0	\$(	\$0	FY11-Comp.	IRP	
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTN	<b>1</b> 0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY11-Comp.	MMRP	\$10,6
Not Required	0 MRSPP-5	0 No Longer Required	0 IRI	Final RC	: FY -		MRS Fina	al RC: FY	2019		Total	\$0	\$2,308	\$0	\$259	\$	0 \$0	\$(	\$0	FY11-Compl	ete	\$10,6
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
in FY1	ned No IRP sites identified.								MMRI	P Progre		Reviewed D	raft Remedi	al Investiga	tion/Feasibilit			n, and Decisi	on Document.	Start Remedial Action	on.	
FORMERI	LY USED DEFENSE SIT	ES - TUBBS ISLAND / CA99	9799FA29	800																		
,	IRP Sites and MRSs by 0	Classification	Stud	<b>y</b> 0	0	0	1	2	0			\$0	\$183	\$0	\$0	\$16	3 \$0	\$(	\$0	FY13	\$908	
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$	0 \$0	) S(	\$0	FY14	\$112	
High	0 MRSPP-1	0 MRSPP-7	0 Desig	<b>n</b> 0	0	1	0	1	1			\$7	\$0	\$7	\$0	\$	0 \$0	\$(	\$0	FY15	\$50	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-	C 0	0	0	0	2	1			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY16	\$53	
Low	o MRSPP-3	0 Evaluation Pending	1 RA-	0 0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY11-Comp.	IRP	\$1,7
Not Evaluated	1 MRSPP-4	0 No Known/Suspected	0 LTM	1 0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$	0 \$0	\$(	\$0	FY11-Comp.	MMRP	\$10,4
Not Required	1 MRSPP-5	0 No Longer Required	0 IRI	Final RC	: FY 201	.7	MRS Fina	al RC: FY	2059		Total	\$7	\$183	\$7	\$0	\$16	3 \$0	\$(	\$0	FY11-Compl	ete	\$12,2
Total IRP Sites	2 MRSPP-6	0 Total MRSs	1																			
in FY1	ess Records review for Con/HTRW plots  led PCO package will be prepared for								ммрі		Progress in FY10:						d	DCO for NI	NAT.			
for FY11-FY	12:	1 1 1 1 to NDAI this Site.							, , , , , , ,	for FY	11-FY12:	one to be dis	scusseu WIII	State of Ca	moma as a i	io risk site i	and a possible	, I CO IOI NI	ZTI.			

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatio	on / FFID / NPL or Propo	osed NP	L/BR	AC Y	ear / I	RAB / C	CTC I	)elta f	rom F	Y09*											
				Com	pleted	Und	erway	Fut	ure		Schedule		hrough		Funds				Planning	T. (1	. 10 .	(0000)
			Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planned	(\$000)	Estim	ate (\$000)	Estima	ted Costs	(\$000)
						Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP :	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
California																						
FORMERLY	USED DEFENSE SIT	TES - UCSD (CAMP MATTHE	WS) / CAS	9799F5	99800 /	C-EST																
	IRP Sites and MRSs by		Study	0	0	0	1	1	0			\$0	\$684	\$0	\$0	\$0	\$0		50 \$0	FY13	\$0	
Response Complete	0 Response Complete		IRA	0(0)	0(0)	0(0)	0(0)	<u> </u>				\$0	\$0	\$0	\$0	\$0	\$0		50 \$0		\$0	
ligh	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0		50 \$0		\$0	
Medium	0 MRSPP-2	1 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0			FY16	\$0	
ow	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	_		FY11-Comp	IRP	9
lot Evaluated	1 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		_
lot Required	0 MRSPP-5	No Longer Required		1	FY 201		MRS Fina			-	Total	\$0	\$684	\$0	\$0	\$0	\$0			FY11-Comp		\$15.
Total IRP Sites	1 MRSPP-6	0 Total MRSs	1	mai KC.	F1 201	_	WIKS FIII	ai KC. F.	1 2041		10	φο	φοστ	φο	φσ	Ψ	φυ	,	φσ	TTTT Comp	icte	
IRP Progress	No IRP in Progress.									MMRI	P Progress	No progres	s reported.									
in FY10:											in FY10:		1									
TDDD DI I									) (D) (D)	n n	DI 1											
for FY11-FY12:	SI phase scheduled for FY12 fo	r eleven USTs have been removed, with no vis	sual evidence of	their previo	us location	during the	property visi	it.	MMKI		ss Planned 711-FY12:	No actions	planned.									
FORMERLY	USED DEFENSE SIT	TES - VERNALIS DIVE BOMB	3 NO. 7 / C	A99799	FA4990	0																
	IRP Sites and MRSs by		Study	0	0	0	1	1	0			\$0	\$160	\$0	\$28	\$0	\$0		50 \$0	FY13	\$60	
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0		50 \$0	FY14	\$500	
ligh	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0			FY15	\$88	
/ledium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0		50 \$0	FY16	\$0	
ow	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0		50 \$0	FY11-Comp	. IRP	\$4,
lot Evaluated	1 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0		50 \$0	FY11-Comp	. MMRP	\$11.
lot Required	0 MRSPP-5	0 No Longer Required	0 IRP I	inal RC:	FY 201	9	MRS Fina	al RC: F	Y 2031		Total	\$0	\$160	\$0	\$28	\$0	\$0		50 \$0	FY11-Comp	lete	\$16,
otal IRP Sites	1 MRSPP-6	O Total MRSs	1																_			
IRP Progress	No IRP work was conducted du	ring FY10.								MMRI	P Progress	MMRP SI	was complete	d in FY10.								
in FY10:											in FY10:											
IDD D Dl									MMDI	n n	Dl											
for FY11-FY12:	SI programmed for FY11 and if	depending on what is found RI/FS work is prog	grammed for F	Y 12.					MINIKI	for FY	711-FY12:	Future worl	c for this site	will be deve	loped pendin	g the sequenc	ing of all N	IMRP sites	within the nation	on and within the sta	ite of Californ	ia.
FORMERLY	USED DEFENSE SIT	TES - WILEY WELLS WATER	R POINT (	CAMA)	/ CA99	799F56	8900															
<u> </u>	IRP Sites and MRSs by	Classification	Study	0	0	0	1	0	0			\$0	\$184	\$0	\$17	\$0	\$0		50 \$0	FY13	\$0	
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0		50 \$0	FY14	\$0	
ligh	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	_		FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	_		FY16	\$0	
.ow	o MRSPP-3	Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp	. IRP	
lot Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$31
lot Required	0 MRSPP-5	0 No Longer Required		inal RC:	FY -		MRS Fina		Y 2083		Total	\$0	\$184	\$0	\$17	\$0	\$0			FY11-Comp		\$31.
Total IRP Sites	o MRSPP-6	0 Total MRSs	1				1 1116	F					4-0-1	40		7.7		, ,				
										1000					mp a:							
IRP Prograce	No IRP sites identified									MMBI	Progress	No activities	e completed					April 21	2010			
IRP Progress in FY10:	No IRP sites identified.									MMRI	P Progress in FY10:	No activitie	s completed	in FY10, M.	MRP Site insp	ection Repor	t completed	l April 21,	2010			

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Statu	is of Installations	s with FY11 to Con	npletio	on C	ost E	stima	te Gr	eater	Than	\$10,0	000,0	)0							Defe	nse Envii	onmental I	Restoration	ı Program
DoD Comp	onent - Installatior	n / FFID / NPL or Pro	oposed	NPI	/ BR	AC Y	ear / F	RAB / G	CTC D	elta f	rom F	Y09*	7										
					Com	oleted	Und	erway	Fut	ure	FY10		Costs Tl FY10 (		FY10 Obligate	Funds d (\$000)	FY11 Ex Planned	xecution 1 (\$000)		Planning ite (\$000)	Estim	nated Costs	s ( <b>\$000</b> )
			P	Phase	IRP		Sites (A		IRP I	MMRP		MMRP	IRP 1	•		MMRP		MMRP			Fiscal Year	. IDD	MMRP
Colorado								,			IKI	WIWIKI	IKI .	VIIVIKI	IKI	MINIKI	IKI	MINIKI	IKI	MINIKI	riscai Teal	IKI	MINIKI
_																							
ARMY - FOR	RT CARSON / CO82140	02015000 / RAB																					
	IRP Sites and MRSs by C	lassification		Study	89	0	7	0	0	0			\$20,549	\$0	\$670	\$0	\$475	\$0	\$565		FY13	\$2,794	
Response Complete	71 Response Complete	0		IRA	13(23)	0(0)	0(0)	0(0)					\$14,396	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$1,974	
High	0 MRSPP-1	0 MRSPP-7		Design	2	0	17	0	0	0			\$2,463	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$838	
Medium	0 MRSPP-2	0 MRSPP-8		RA-C	5	0	20	0	0	0			\$26,048	\$0	\$0	\$0	\$350	\$0	\$254		FY16	\$242	
Low	14 MRSPP-3	0 Evaluation Pending		RA-O	2	0	19	0	0	0			\$3,532	\$0	\$2,309	\$0	\$3,304	\$0	\$2,824		FY11-Com		\$15,
Not Evaluated	11 MRSPP-4	0 No Known/Suspected		LTM	12	0	6	0	7	0			\$6,360	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Com		
Not Required	0 MRSPP-5	0 No Longer Required				FY 201		MRS Fina	al RC: FY	7 -		Total	\$73,348	\$0	\$2,979	\$0	\$4,129	\$0	\$3,643	\$0	FY11-Com	plete	\$15,
Total IRP Sites	96 MRSPP-6	0 Total MRSs	0	Five-Y	ear Revie	w Underv	way																
IRP Progress Planned	plan for FTC-023 (SWMUs 79, 88 Environmental Use Postriction for Complete RFIs for SWMUs 36, 4: FTC-023 (SWMUs 78, 79, 81, 82, 7, 8, 13, 14, 16, 24, 53, 164, 167, at	56, 60, 61, 62, 63, 68, 73, 76, 77, 80, at 8, 108, and 109), and other plans. In lieu fetture SUMI lead use consistences 5, and the FTC-023 (SWMUs 79, 87, 88, 87, 88, 89, 92, 108, and 109). Correctiv and 168. Long-term management (LTM) 411, 212, 72, 94, 44, and 84.	8, 89, 108, an	nental cov nd 109). C study (C!	complete/in	state of Co itiate NFAs vill be initia	lorado will s for SWMU sted or cont	Js 36, 45, 51 inued for SV	ce of I, and VMUs 2/3,	MMRI		in FY10: ss Planned 711-FY12:	No MMRP s	ites identified	i.								
ARMY - JFH	Q CO ARNG / CO8211	8080NG00																					
	IRP Sites and MRSs by C	lassification		Study	0	0	0	8	0	0			\$0	\$349	\$0	\$349	\$0	\$779	\$0	\$5,828	FY13	\$0	\$5,:
Response Complete	0 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 [	Design	0	0	0	0	0	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$5,3
Medium	0 MRSPP-2	0 MRSPP-8	0 1	RA-C	0	0	0	0	0	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$2,
Low	0 MRSPP-3	0 Evaluation Pending	8 I	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com		
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 ]	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com	p. MMRP	\$19,
Not Required	0 MRSPP-5	0 No Longer Required	0	IRP Fi	nal RC:	FY -	1	MRS Fina	al RC: FY	2019		Total	\$0	\$349	\$0	\$349	\$0	\$779	\$0	\$5,828	FY11-Com	plete	\$19,
Total IRP Sites	0 MRSPP-6	0 Total MRSs	8																				
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No IRP sites identified.  No IRP sites identified.									MMRI	P Progre	Progress in FY10: as Planned 711-FY12:											
ARMY - PUE	BLO CHEMICAL DEI	POT / CO821382072500 / B	BRAC 19	988 / R	AB																		
	IRP Sites and MRSs by C	lassification	5	Study	31	3	12	11	0	0			\$34,374	\$501	\$1,004	\$84	\$168	\$324	\$0	\$0	FY13	\$1,530	
Response Complete	26 Response Complete	2		IRA	8(12)	9(10)	0(0)	2(2)					\$4,150	\$163	\$0	\$44	\$0	\$24	\$0	\$22	FY14	\$694	
High	10 MRSPP-1	0 MRSPP-7	0 [	Design	2	0	6	0	8	11			\$6,003	\$25	\$56	\$0	\$142	\$0	\$0	\$0	FY15	\$694	
Medium	6 MRSPP-2	0 MRSPP-8	0 1	RA-C	6	0	6	0	8	12			\$65,040	\$121	\$1,550	\$0	\$1,470	\$0	\$341	\$0	FY16	\$2,908	
Low	1 MRSPP-3	0 Evaluation Pending	11 <b>I</b>	RA-O	1	0	4	0	1	0			\$32,286	\$25	\$4,002	\$0	\$4,915	\$0	\$4,037	7 \$0	FY11-Com	p. IRP	\$58,9
Not Evaluated	0 MRSPP-4	1 No Known/Suspected	0	LTM	3	1	2	0	3	2			\$4,109	\$25	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com	p. MMRP	\$29,
Not Required	0 MRSPP-5	0 No Longer Required	2	IRP Fi	nal RC:	FY 202	3	MRS Fina	al RC: FY	2018		Total	\$145,962	\$860	\$6,612	\$128	\$6,695	\$348	\$4,378	\$22	FY11-Com	plete	\$88,
Total IRP Sites	43 MRSPP-6	0 Total MRSs	14																				
IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:	Refer to Page F-155.  Refer to Page F-155.									MMRI	P Progre	Progress in FY10: as Planned V11-FY12:											

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

	_			opose	U 111 1							rom F								T		<del></del>		
							pleted		erway	Fut		T	Schedule pact**	Costs Th		FY10	Funds ed (\$000)	FY11 Ex Planned			Planning ate (\$000)	Estima	ited Costs	: (\$000)
					Phase	IRP			MMRP	IRP	MMRP	11111	Jact	F 1 10 (	φυυυ) (	Jungan	u (3000)	riamiec	ι (φυσυ)	Estima	ite (\$000)	250		- (φυσυ)
							-	Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
Colorado																								
ARMY - R	оску	MOUNTAIN AR	SENAL / CO821382076900	/ NPL	/ RAB /	C-TEC	Н																	
	IR	P Sites and MRSs by	Classification		Study	213	0	0	0	0	0			\$207,078	\$0	\$0	\$0	\$0	\$0	) s	0 \$0	FY13	\$4,003	
Response Complete		Response Complete	0		IRA	26(26)	0(0)	0(0)	0(0)					\$336,461	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY14	\$8,113	
ligh	0	MRSPP-1	0 MRSPP-7	0	Design	125	0	0	0	0	0			\$10,161	\$0	\$0	\$0	\$0	\$0	) s		FY15	\$5,934	
Лedium	0	MRSPP-2	0 MRSPP-8	0	RA-C	123	0	2	0	0	0			\$941,810	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY16	\$5,881	
ow	2	MRSPP-3	0 Evaluation Pending	0	RA-O	5	0	6	0	0	0			\$93,417	\$0	\$6,366	\$0	\$2,492	\$0	\$2,42		FY11-Comp	. IRP	\$170.
Not Evaluated	0	MRSPP-4	0 No Known/Suspected	0	LTM	1	0	4	0	5	0			\$184,897	\$0	\$26,271	\$0	\$17,508	\$0	\$4,37		FY11-Comp		
Not Required	6	MRSPP-5	0 No Longer Required	0	IRP Fi	nal RC:	FY 204	0 ]	MRS Fina	al RC: F	Ϋ -		Total	\$1,773,824	\$0	\$32,637	\$0	\$20,000	\$0	\$6,79	7 \$0	FY11-Comp	lete	\$170
Total IRP Sites	213	MRSPP-6	0 Total MRSs	0	Five-Y	ear Revie	w Compl	eted and	Underway															
IRP Progr	ess Refe	er to Page F-164.	<u> </u>									MMRI	P Progress	No MMRP s	ites identified	d.								
in FY													in FY10:											
IRP Progress Plant for FY11-FY		er to Page F-164.									MMRI		ss Planned 711-FY12:	No MMRP s	ites identified	d.								
												101 1												
AIR FOR	E - A1	R FORCE PLANT	PJKS / CO857172553700	/ NPL	/ RAB																			
inki ok				, , , , , , , , , , , , , , , , , , , ,	Study	61	5	0	0	0	0			\$22,601	\$0	\$0	\$0	\$0	\$0	s	0.3	FY13	\$2.011	
)		P Sites and MRSs by	Liassification		IRA	41(41)	1(1)	3(3)	0(0)	"	U	-		\$16,552	\$0	\$1,140	\$0	\$0	\$0			FY14	\$1,683	
Response Complete	31	Response Complete MRSPP-1	0 MRSPP-7	0	Design	3	0	0	0(0)	0	0			\$4,707	\$0	\$1,140	\$0	\$0	\$(			FY14 FY15	\$1,083	
Aedium	2	MRSPP-2	0 MRSPP-8	0	RA-C	4	0	0	0	0	0	_		\$1,000	\$0	\$0	\$0 \$0	\$0	\$0			FY16	\$1,796	
ow		MRSPP-3	0 Evaluation Pending	0	RA-O	4	0	1	0	3	0	_		\$1,000	\$0	\$0	\$0	\$915	\$0			FY11-Comp		\$19
Not Evaluated		MRSPP-4	0 No Known/Suspected	0	LTM	0	0	16	0	3	0			\$60	\$0	\$20	\$0	\$915	\$0	\$1,66		FY11-Comp		<b>\$1</b> 2
Not Required		MRSPP-5	0 No Longer Required	5									Total	\$44,920	\$0	\$1,160	\$0	\$935	\$6	\$2,55		FY11-Comp		\$19.
Total IRP Sites	61		0 Total MRSs	5	IKPFI	nai KC:	FY 202	U .	MRS Fina	arke: F	2005		Total	\$44,920	\$0	\$1,100	\$0	\$933	, and	\$2,55	50	r 111-comp	iete	φ1,
			o Total MKSs	3								100												
IRP Progr in FY		er to Page F-15.										MMRI	P Progress in FY10:	Refer to Pag	e F-15.									
IRP Progress Plan		er to Page F-15.									MMRI		ss Planned	Refer to Pag	e F-15.									
for FY11-FY	12:											for FY	711-FY12:											
A																								
AIR FOR	CE - BU	JCKLEY AIR BAS	SE WING / CO85728256440	00 / BR	AC 200	5 Realig	nment	/ RAB /	C-EST															
	IR	P Sites and MRSs by	Classification		Study	9	11	2	14	30	0			\$8,015	\$2,151	\$255	\$1,264	\$466	\$0	\$			\$738	:
Response Complete	6	Response Complete	11		IRA	6(8)	0(0)	1(2)	14(14)					\$3,153	\$1,655	\$78	\$0	\$0	\$0			FY14	\$554	
ligh	0	MRSPP-1	0 MRSPP-7	0	Design	0	0	0	0	2	0			\$1,113	\$0	\$0	\$0	\$0	\$0	_			\$566	
/Iedium	1	MRSPP-2	0 MRSPP-8	0	RA-C	0	0	0	0	2	3			\$949	\$0	\$847	\$0	\$1,488	\$0	\$2,00	2 \$0		\$19,009	:
ow	2	MRSPP-3	0 Evaluation Pending	14	RA-O	0	0	0	0	3	2			\$211	\$0	\$40	\$0	\$47	\$0					\$34
Not Evaluated	32	MRSPP-4	0 No Known/Suspected	0	LTM	3	0	0	11	3	4			\$2,827	\$246	\$1,392	\$246	\$65	\$0	\$21				\$2
Not Required	0	MRSPP-5	0 No Longer Required	11		nal RC:	FY 203	4	MRS Fina	al RC: F	Y 2014		Total	\$16,268	\$4,052	\$2,612	\$1,510	\$2,066	\$0	\$2,85	9 \$456	FY11-Comp	lete	\$36
Total IRP Sites	41	MRSPP-6	0 Total MRSs	25	Five-Y	ear Revie	w Planne	d for Futi	ıre															
		111 1 B 1141	nce; Site 1 FY10 PBC Award; Site 3 FY			(DP007) F	P through	ROD: Site	7 (DP007) C	'omnlete		MMRI	P Progress	Awarded mu	ltiple site RI	and surface	e clearance ac	tions						
IRP Progr	ess Adn	iinistrative Record Maintena	nce; Site 1 F Y 10 PBC Award; Site 3 F Y	10 PBC A	tward, Site /	(DI 007) I	r unougn.	icob, bic	(D100)) C	ompiete							orearance ac	tions.						
IRP Progr in FY	10: Rem	ninistrative Record Maintena noval Action; Site 10 FY10 F	BC Award; Site 11 (Bldg 1011) FS; Eas	t Industria	il Area RI; a	nd West In	dustrial Are	a RI.	(B1007) C	ompiete			in FY10:				o cicurumee uc							

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatio	n / Fl	FID / NDI or D	ronos	od NDI	/ <b>RD</b>	ACV	oor / L	DAR / (	CTC D	olto f	rom E	V00*	7									
DoD Comp	onent - Instanatio	11 / 1	FID/NIL OIT	oposi			pleted		erway	Fut			Schedule	Costs Through	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
					Phase				MMRP			Imp	act**	FY10 (\$000)	Obligat	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estimate	ed Costs	(\$000)
								Sites (A				IRP	MMRP	IRP MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Colorado																							
	USED DEFENSE SIT	FS - R	UCKLEV FIELD /	CO897	99F0515	00 / R A	R																
TORMERLI				CO677	Study	00 / 102	4	0	0	0	0			\$58 \$15,042		1 50	\$0	0.0	\$0	0.2	FY13	\$0	\$8,0
Response Complete	IRP Sites and MRSs by C	Classific	ation		IRA	0(0)	1(1)	0(0)	0(0)	0	U	_		\$485 \$526	5 \$0	\$0	\$0	\$0	\$0		FY14	\$0	\$8,0
High	0 MRSPP-1	0	MRSPP-7	T 0	Design	0	0	0	0(0)	0	0			\$0 \$0	) S(		\$0	\$0	\$0		FY15	\$0	\$8,3
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	3	0	1	0	0			\$0 \$102,356	s s		\$0	\$3,983	\$0			\$0	5
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0 \$0	) \$(		\$0	\$0	\$0		FY11-Comp. 1	IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	3	0	0	0	1			\$0 \$8			\$0	\$0	\$0		FY11-Comp. N		\$41,0
Not Required	0 MRSPP-5	0	No Longer Required	3	IRP Fi	nal RC:	FY -		MRS Fina	d RC: FY	7 2015		Total	\$543 \$117,932	: \$0	\$8,111	\$0	\$3,983	\$0	\$12,017	FY11-Comple	te	\$41,0
Total IRP Sites	o MRSPP-6	0	Total MRSs	4	-			d for Futi															
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No IRP sites identified.										MMRI	Progre	in FY10:	MEC Removal Actions  MEC Removal Actions					or project is	\$8M/year.			
FORMERLY	USED DEFENSE SIT	ES - C	AMP HALE / CO89	9 <b>7</b> 99F0	51300																		
<u> </u>	IRP Sites and MRSs by 0	Classific	ation		Study	1	1	0	1	0	0			\$0 \$3,917	y se	\$1,530	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	1 Response Complete	1			IRA	0(0)	1(1)	0(0)	0(0)					\$0 \$3,097	y so	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1			\$0 \$0	) S(	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	1			\$0 \$0	) S(	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$5
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0 \$0	) s	\$0	\$0	\$0	\$0	\$0	FY11-Comp. l	IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0 \$0	\$(	\$0	\$0	\$0	\$0	\$0	FY11-Comp. N	MMRP	\$168,4
Not Required	0 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 198	6	MRS Fina	ıl RC: FY	2032		Total	\$0 \$7,014	\$ \$0	\$1,530	\$0	\$0	\$0	\$0	FY11-Comple	te	\$168,4
Total IRP Sites	1 MRSPP-6	0	Total MRSs	2																			
IRP Progress in FY10:	No actions planned.										MMRI	Progre	in FY10:	Interim Risk Managem scheduled to begin in F Remedial Investigation	Y 2011.								ded. Field wo
FORMERLY	USED DEFENSE SIT	ES - P	UEBLO AIR TI GR	OUND	GUN R	GE / C	089799	F058200	)														
	IRP Sites and MRSs by 0	Classific	eation		Study	0	0	0	1	0	0			\$0 \$173	\$ \$0	\$0	\$0	\$0	\$0		FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0 \$64			\$0	\$0	\$0		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1	L		\$0 \$0			\$0	\$0	\$0		FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0 \$0			\$0		\$0		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0 \$0			\$0		\$0		FY11-Comp. l		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0 \$0			\$0	-	\$0		FY11-Comp. I		\$24,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	1	MRS Fina	ıl RC: FY	2032		Total	\$0 \$237	\$	\$64	\$0	\$0	\$0	\$0	FY11-Comple	te	\$24,7
IRP Progress in FY10:	0 MRSPP-6 No IRP sites identified.	0	Total MRSs	1								MMR	P Progress in FY10:	The Final Site Inspection	on Report wa	as completed 3	0 Jun 2009						
IRP Progress Planned for FY11-FY12:											MMRI	Progres for FY	ss Planned 711-FY12:	An Interim Risk Manag programmed.	gement Plan	is scheduled f	or completion	n in FY11 to	minimize ris	sk until such t	me as a Remedial Inve	estigation ca	a be

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	/FI	FID / NPL or P	ropose	ed NPI	/ BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure		chedule		hrough				xecution			E-4	4-1 0-4-	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estimat	te (\$000)	Esuma	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Colorado																								
FORMERLY	USED DEFENSE SITE	S - Pl	UEBLO PRE BOM	B RGE	#2 / CO	89 <b>7</b> 99F	058600																	
	IRP Sites and MRSs by Cl	assific	ation		Study	0	0	0	1	0	0			\$0	\$198	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$64	\$0	\$64	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$42
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$62,675
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	1	MRS Fina	l RC: FY	2028		Total	\$0	\$262	\$0	\$64	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$62,675
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10:	No IRP sites identified.											MMRI	Progress in FY10:	The Final S	te Inspectio	n Report was	s completed 2	8 Aug 2009						
IRP Progress Planned for FY11-FY12:	No IRP sites identified.										MMRI			An Interim		ement Plan is	s scheduled f	or completio	n in FY11 to 1	minimize ris	k until such ti	me as a Remedial I	vestigation car	ı be

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Comp	ponent - Installation	n / FI	SID / NPL or Pro	pose	a NPI									la					1	*****		1		
							pleted		erway	Futu		FY10 S Impa	chedule		Through (\$000)				ecution		Planning te (\$000)	Estima	ited Costs	(\$000)
					Phase	IRP				IRP N	<b>IMRP</b>	mp		1110	(\$000)	Obligati	u (4000)		. ,					(+)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Connecticut	t																							
ARMY - STI	RATFORD ARMY ENG	INE P	PLANT / CT12138229	92400 /	BRAC	1995 / 1	RAB / C	C-REG /	C-EST															
<b>*</b>	IRP Sites and MRSs by C	Classific	ation		Study	2	0	2	0	0	0			\$5,420	\$0	\$0	\$0	\$385	\$0	\$505	\$0	FY13	\$0	
Response Complete	2 Response Complete	0			IRA	1(1)	0(0)	0(0)	0(0)					\$2,721	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	5
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	2	0			\$1,056	\$0	\$0	\$0	\$0	\$0	\$1,510	\$0	FY15	\$9	5
Iedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	2	0			\$9,177	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$9	5
ow	2 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$27,5
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	2	0			\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	:
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	9	MRS Fina	l RC: FY	-		Total	\$18,584	\$0	\$0	\$0	\$385	\$0	\$2,015	\$0	FY11-Comp	lete	\$27,59
otal IRP Sites	4 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	w Planne	d for Futu	ire															
in FY10	•												in FY10:		sites identifi									
in FY10	d Refer to Page F-173.										MMRP	Progress	in FY10:		sites identifi									
in FY10 IRP Progress Plannec for FY11-FY12	d Refer to Page F-173.	170022	202000 / NPL / RAB /	' C-TE	СН						MMRP	Progress	in FY10:											
in FY10 IRP Progress Planner for FY11-FY12	d Refer to Page F-173.			C-TE	CH Study	20	0	10	0	0	<b>MMRP</b> 0	Progress	in FY10:			ied.	\$0	\$350	\$0	\$0	\$0	FY13	\$8,466	
in FY10 IRP Progress Planner for FY11-FY12  NAVY - NEV	d Refer to Page F-173. 2: W LONDON NSB / CT1			C-TE		20 6(8)	0 0(0)	10 0(0)	0 0(0)	0		Progress for FY	in FY10:	No MMRF	sites identifi	s866		\$350 \$635	\$0 \$0	\$0		FY13 FY14	\$8,466 \$1,141	
in FY10 IRP Progress Planner for FY11-FY12  NAVY - NEVesponse Complete	d Refer to Page F-173. 2: W LONDON NSB / CT1 IRP Sites and MRSs by C	Classific 0			Study		-	_	Ů	0 7		Progress for FY	in FY10:	No MMRF \$16,385	sites identifii	\$866 \$0	\$0				\$0	<u> </u>		\$ \$
in FY10 IRP Progress Planner for FY11-FY12  NAVY - NEV  esponse Complete ligh	d Refer to Page F-173. 2:  W LONDON NSB / CT1 IRP Sites and MRSs by C 9 Response Complete	Classific 0	ation		Study IRA	6(8)	0(0)	_	0(0)		0	Progress for FY	in FY10:	No MMRF \$16,385 \$824	\$0	\$866 \$0 \$132	\$0 \$0	\$635	\$0	\$0	\$0 \$0	FY14	\$1,141	:
in FY10 IRP Progress Planner for FY11-FY12  NAVY - NEV  desponse Complete ligh 1edium	d Refer to Page F-173. 2:  W LONDON NSB / CT1 IRP Sites and MRSs by C 9 Response Complete 5 MRSPP-1	Classific 0	ation MRSPP-7	0	Study IRA Design	6(8)	0(0)	0(0)	0(0)	7	0	Progress for FY	in FY10:	\$16,385 \$824 \$4,769	\$0	\$866 \$0 \$132	\$0 \$0	\$635 \$324	\$0 \$0	\$0 \$145	\$0 \$0 \$0	FY14 FY15	\$1,141 \$1,174 \$1,252	:
in FY10 IRP Progress Planner for FY11-FY12  NAVY - NEV esponse Complete ligh ledium ow	d Refer to Page F-173.  W LONDON NSB / CT1 IRP Sites and MRSs by C  9 Response Complete  5 MRSPP-1  2 MRSPP-2  2 MRSPP-3  1 MRSPP-4	Classific 0 0 0	MRSPP-7 MRSPP-8	0	Study IRA Design RA-C	6(8) 8	0(0)	0(0)	0(0)	7 5	0 0	Progress for FY	in FY10:	\$16,385 \$824 \$4,769 \$39,689	\$0 \$0 \$0	\$866 \$0 \$132 \$0 \$331	\$0 \$0 \$0	\$635 \$324 \$0	\$0 \$0 \$0	\$0 \$145 \$1,568	\$0 \$0 \$0 \$0	FY14 FY15 FY16	\$1,141 \$1,174 \$1,252	5
in FY10 IRP Progress Planner for FY11-FY12  NAVY - NEV esponse Complete igh ledium ow ot Evaluated	d Refer to Page F-173.  W LONDON NSB / CT1 IRP Sites and MRSs by C  Response Complete  MRSPP-1  MRSPP-2  MRSPP-3	Classific 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending	0	Study IRA Design RA-C RA-O LTM	6(8) 8 10 2	0(0)	0(0) 1 0 1 5	0(0)	7 5 2	0 0 0 0 0	Progress for FY	in FY10:	\$16,385 \$824 \$4,769 \$39,689 \$6,248	\$ sites identified \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$	\$866 \$0 \$132 \$331 \$334	\$0 \$0 \$0	\$635 \$324 \$0 \$500	\$0 \$0 \$0	\$145 \$1,568 \$1,281	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,141 \$1,174 \$1,252 • IRP • MMRP	\$41,62
in FY10  IRP Progress Planner for FY11-FY12  NAVY - NEV  esponse Complete ligh ledium ow ot Evaluated ot Required	d Refer to Page F-173.  W LONDON NSB / CT1 IRP Sites and MRSs by C  9 Response Complete  5 MRSPP-1  2 MRSPP-2  2 MRSPP-3  1 MRSPP-4	Classific 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected	0	Study IRA Design RA-C RA-O LTM IRP Fi	6(8) 8 10 2 1	0(0) 0 0 0 0 FY 204	0(0) 1 0 1 5	0(0)	7 5 2 11	0 0 0 0 0	Progress for FY	Planned 11-FY12:	\$16,385 \$824 \$4,769 \$39,689 \$6,248 \$1,495	\$ sites identified \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$	\$866 \$0 \$132 \$331 \$334	\$0 \$0 \$0 \$0 \$0	\$635 \$324 \$0 \$500 \$519	\$0 \$0 \$0	\$145 \$1,568 \$1,281 \$660	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,141 \$1,174 \$1,252 • IRP • MMRP	\$41,62
in FY10  IRP Progress Planner for FY11-FY12  NAVY - NEV  Response Complete  High  Aedium  .ow  Jot Evaluated  Jot Required  Cotal IRP Sites	d Refer to Page F-173. 2:  W LONDON NSB / CT1  IRP Sites and MRSs by C  9 Response Complete  5 MRSPP-1  2 MRSPP-2  2 MRSPP-3  1 MRSPP-4  11 MRSPP-5  30 MRSPP-6  88 Refer to Page F-136.	Classific 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0	Study IRA Design RA-C RA-O LTM IRP Fi	6(8) 8 10 2 1	0(0) 0 0 0 0 FY 204	0(0) 1 0 1 5	0(0) 0 0 0 0 0 MRS Fina	7 5 2 11	0 0 0 0 0	Progress for FY  REG  REG  REG  REG  MMRP	Planned (11-FY12:	\$16,385 \$824 \$4,769 \$39,689 \$6,248 \$1,495 \$69,410	\$ sites identified \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$	\$866 \$0 \$132 \$331 \$394 \$1,723	\$0 \$0 \$0 \$0 \$0	\$635 \$324 \$0 \$500 \$519	\$0 \$0 \$0	\$145 \$1,568 \$1,281 \$660	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,141 \$1,174 \$1,252 • IRP • MMRP	\$41,6

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

\*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

						Com	pleted	Und	erway	Fut	ure				hrough				xecution			Estimo	ted Costs	(\$000)
					Phase	IRP	MMRF	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planne	1 (\$000)	Estima	te (\$000)	Esuma	tea Costs	(\$000)
					Ī			Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Delaware																								
	CE - DOVER AIR FORCE	E BASI	E / DE357182401000	/ NPL /	/ C-EST	,																		
,	IRP Sites and MRSs by C	Classific	ation		Study	60	0	0	0	0	0			\$25,932	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,694	
Response Complete	36 Response Complete	0			IRA	12(19)	0(0)	0(0)	0(0)					\$10,298	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$931	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	17	0	0	0	0	0			\$4,143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$946	
Лedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	27	0	0	0	1	0			\$18,341	\$0	\$0	\$0	\$36	\$0	\$0	\$0	FY16	\$840	
ow	o MRSPP-3	0	Evaluation Pending	0	RA-O	4	0	23	0	0	0			\$27,233	\$0	\$507	\$0	\$586	\$0	\$2,882	\$0	FY11-Comp.	IRP	\$16,0
Not Evaluated	1 MRSPP-4	0	No Known/Suspected	0	LTM	7	0	24	0	17	0			\$3,739	\$0	\$179	\$0	\$36	\$0	\$396	\$0	FY11-Comp.	MMRP	
lot Required	23 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 203	2	MRS Fina	IRC: FY	7 -		Total	\$89,686	\$0	\$686	\$0	\$658	\$0	\$3,278	\$0	FY11-Comp	lete	\$16,0
otal IRP Sites	60 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	w Compl	eted and	Planned fo	r Future														
in FY	10:		MINIKI	Progress in FY10:		sites identifi	ied.																	
	ned Refer to Page F-47.										MMRI	Progres	in FY10:		sites identifi									
IRP Progress Plant for FY11-FY	ned Refer to Page F-47.	ES - D	OVER SURVIVAL 1	TRAIN	ING A	NNEX /	DE397	99F135	800		MMRI	Progres	in FY10:											
IRP Progress Plant for FY11-FY	ned Refer to Page F-47.			TRAIN	ING A	NNEX /	DE397	99F1358	800	0	MMRI 0	Progres	in FY10:		sites identifi	ied.	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
IRP Progress Plant for FY11-FY	ned Refer to Page F-47. 12:  LY USED DEFENSE SITI			TRAIN		NNEX /			300 1 0(0)	0		Progres	in FY10:	No MMRF	sites identifi	so.		\$0 \$0	\$0 \$0	\$0 \$0		FY13 FY14	\$0 \$0	
IRP Progress Plant for FY11-FY  FORMERI esponse Complete	ned Refer to Page F-47.  12:  LY USED DEFENSE SITI  IRP Sites and MRSs by C	Classific 0			Study	1	0	0	1	0		Progres	in FY10:	No MMRR	sites identifii \$204	\$0 \$0	\$0	\$0 \$0 \$0			\$0			
IRP Progress Plant for FY11-FY  FORMERI  Response Complete ligh	ned Refer to Page F-47.  12:  LY USED DEFENSE SITI  IRP Sites and MRSs by C  1 Response Complete	Classific 0	ation	0	Study IRA	1	0 0(0)	0 0(0)	1		0	Progres	in FY10:	\$520 \$0	\$204 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0 \$0	\$0	\$0	\$0 \$0	FY14	\$0	
IRP Progress Plant for FY11-FY  FORMERI esponse Complete igh ledium	ned Refer to Page F-47.  12:  LY USED DEFENSE SITI  IRP Sites and MRSs by C  1 Response Complete 0 MRSPP-1	Classific 0	MRSPP-7	0	Study IRA Design	1 0(0) 1	0 0(0) 0	0 0(0)	1	0	0	Progres	in FY10:	\$520 \$0	\$204 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0	\$0 \$0	\$0 \$0 \$0	FY14 FY15	\$0 \$0 \$0	
IRP Progress Plant for FY11-FY  FORMERI  esponse Complete ligh edium	ned Refer to Page F-47.  12:  LY USED DEFENSE SITI  IRP Sites and MRSs by C  1 Response Complete  0 MRSPP-1  0 MRSPP-2	Classific 0	MRSPP-7 MRSPP-8	0 0	Study IRA Design RA-C	1 0(0) 1 0	0 0(0) 0 0	0 0(0) 0	0(0)	0	0	Progres	in FY10:	\$520 \$0 \$0	\$204 \$0 \$0 \$0 \$0	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0	FY14 FY15 FY16	\$0 \$0 \$0	\$12
IRP Progress Plant for FY11-FY  FORMERI  esponse Complete igh ledium ow ot Evaluated	red Refer to Page F-47.  12:  LY USED DEFENSE SITI  IRP Sites and MRSs by C  1 Response Complete  0 MRSPP-1  0 MRSPP-2  0 MRSPP-3	0 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending	0 0	Study IRA Design RA-C RA-O LTM	1 0(0) 1 0 0	0 0(0) 0 0	0 0(0) 0 0 0	0(0) 0 0	0 0 0	0 1 1 0 1 1	Progres	in FY10:	\$520 \$00 \$00 \$00	\$204 \$0 \$0 \$0 \$0 \$0	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp.	\$0 \$0 \$0 \$1RP MMRP	\$12 \$12,
IRP Progress Plant for FY11-FY  FORMERI  esponse Complete ligh edium ow ot Evaluated ot Required	Refer to Page F-47.   12:	0 0 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected	0 0	Study IRA Design RA-C RA-O LTM	1 0(0) 1 0 0	0 0(0) 0 0 0	0 0(0) 0 0 0	0(0) 0 0 0	0 0 0	0 1 1 0 1 1	Progres	in FY10: s Planned 11-FY12:	\$520 \$0 \$0 \$0 \$0	\$204 \$0 \$0 \$0 \$0 \$0	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp. FY11-Comp.	\$0 \$0 \$0 \$1RP MMRP	
IRP Progress Plant for FY11-FY  FORMERI  Response Complete ligh Medium  .ow .ow	Refer to Page F-47.   12:	0 0 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 0	Study IRA Design RA-C RA-O LTM	1 0(0) 1 0 0	0 0(0) 0 0 0	0 0(0) 0 0 0	0(0) 0 0 0	0 0 0	0 1 1 0 1 1	Progres for FY	in FY10: 8 Planned 11-FY12:	\$520 \$60 \$60 \$60 \$60 \$520	\$204 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp. FY11-Comp.	\$0 \$0 \$0 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1	\$1

RP Progress Planned No actions planne for FY11-FY12:

MMRP Progress Planned There is no progress planned at this site in the next two fiscal years. An RI/FS is programmed for FY2023. Funding limitations prevent site work prior for FY11-FY12; to that time.

				II F Y II to Col											7								onmental K		
DoD Com	pone	nt - Installatior	ı / FF	ID / NPL or Pr	opose	d NPL										h	EX/10.1	F 4-	EX/11 E-		EX/10 1	01			
						"		pleted		erway	Fut		Im	Schedule act**	FY10	hrough (\$000)	FY10 l Obligate	runas d (\$000)	FY11 Ex Planned			Planning te (\$000)	Estima	ited Costs	(\$000)
						Phase	IKP			MMRP Actions)	IKP	MMRP			IDD	MMDD			IDD	MMDD	IDD	MMDD	F: 1.87	IDD	MADD
									Sites (A	(Ctions)			IKP	MMRP	IKP	MMRP	IKP	MMRP	IRP	MMRP	IKP	MMRP	Fiscal Year	IRP	MMRP
Florida																									
NAVY - CE	CIL F	IELD NAS / FL417	700224	7400 / NPL / BRAC	1993 /	RAB / C	C-EST																		
	IRI	Sites and MRSs by C	lassifica	ntion		Study	29	0	0	2	0	0			\$19,128	\$3,043	\$0	\$448	\$0	\$492	\$0	\$355	FY13	\$773	\$11
Response Complete	16	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$2,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$724	\$1:
High	0	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	0	1			\$1,610	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$838	\$
Medium		MRSPP-2	0	MRSPP-8	0	RA-C	21	0	0	1	0	1			\$23,975	\$0	\$0	\$0	\$0	\$0	\$0	\$1,309	FY16	\$853	\$
Low		MRSPP-3	0	Evaluation Pending	2	RA-O	4	0	13	0	0	0			\$15,863	\$0	\$905	\$0	\$864	\$0	\$792	\$0	FY11-Comp		\$6,75
Not Evaluated	-	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	1	0	0	0			\$1,721	\$0	\$61	\$0	\$0	\$0	\$0		FY11-Comp		\$3,6
Not Required		MRSPP-5	0	No Longer Required	0			FY 202		MRS Fina		Y 2019		Total	\$64,938	\$3,043	\$966	\$448	\$864	\$492	\$792	\$1,664	FY11-Comp	lete	\$10,40
Total IRP Sites	29	MRSPP-6	0	Total MRSs	2	Five-Ye	ear Revie	w Compl	leted and	Planned fo	or Future														
IRP Progres in FY10 IRP Progress Planne for FY11-FY12	0: ed Refer	Ü										MMRI	P Progre	P Progress in FY10: ss Planned /11-FY12:											
NAVY - JA	CKSO	NVILLE NAS / FL	41700	2441200 / NPL / RA	В / С-Т	ЕСН																			
•	IRI	Sites and MRSs by C	lassifica	ation		Study	78	0	2	1	0	0	REG	REG	\$30,852	\$453	\$654	\$0	\$0	\$738	\$0	\$651	FY13	\$862	\$57
Response Complete	63	Response Complete	0			IRA	24(29)	0(0)	0(0)	0(0)			REG	REG	\$25,472	\$0	\$0	\$0	\$0	\$0	\$0	\$624	FY14	\$505	\$
High	0	MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	2	0	REG	REG	\$2,034	\$0	\$218	\$0	\$20	\$0	\$0	\$0	FY15	\$354	S
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	16	0	0	0	4	1	REG	REG	\$27,100	\$0	\$0	\$0	\$94	\$0	\$312	\$0	FY16	\$326	:
Low	3	MRSPP-3	0	Evaluation Pending	1	RA-O	12	0	7	0	3	1			\$11,486	\$0	\$731	\$0	\$1,245	\$0	\$95	\$0	FY11-Comp	. IRP	\$8,6
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	13	0	4	0	12	1			\$1,695	\$0	\$124	\$0	\$113	\$0	\$127	\$0	FY11-Comp	. MMRP	\$6,4
Not Required	13	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 204	1	MRS Fina	al RC: FY	Y 2021		Total	\$98,639	\$453	\$1,727	\$0	\$1,472	\$738	\$534	\$1,275	FY11-Comp	lete	\$15,0
Total IRP Sites	80	MRSPP-6	0	Total MRSs	1	Five-Ye	ear Revie	w Compl	leted and	Planned fo	or Future												_		
IRP Progres in FY10 IRP Progress Planne for FY11-FY12	0: ed Refer											MMRI	P Progre	P Progress in FY10: ss Planned 711-FY12:											
NAVY - KE	Y WE	ST NAS / FL41700	229520	00 / BRAC 1995 / R	AB / C-	ТЕСН																			
•	IRI	Sites and MRSs by C	lassifica	ntion		Study	27	0	5	2	0	0			\$10,261	\$715	\$1,185	\$563	\$504	\$0	\$1,403	\$188	FY13	\$1,101	\$1
Response Complete	17	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$10,537	\$0	\$402	\$0	\$0	\$0	\$0	\$0	FY14	\$3,051	\$3:
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$55	\$0	\$0	\$0	\$0	\$0	\$120	\$0	FY15	\$98	:
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$4,966	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$100	5
Low	3	MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$6,164	\$0	\$225	\$0	\$370	\$0	\$79	\$0	FY11-Comp	. IRP	\$9,7
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$6,267	\$0	\$40	\$0	\$40	\$0	\$76	\$0	FY11-Comp	. MMRP	\$29,4
Not Required	10	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	1	MRS Fina	al RC: FY	Y 2020		Total	\$38,250	\$715	\$1,852	\$563	\$914	\$0	\$1,678	\$188	FY11-Comp	lete	\$39,10
Total IRP Sites	32	MRSPP-6	0	Total MRSs	2	Five-Ye	ear Revie	w Compl	leted and	Planned fo	or Future														
in FY10	): Subm	itted the SRCR for Trumbo	Point Coa	e DRMO site. Additional co st Guard Station.								MMRI		P Progress in FY10:											

for FY11-FY12: Pier D-1 of Trumbo Point Coast Guard station. Remove UST 5 and conduct soil and GW investigation.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatior	n / FFID / NPL or Pr	roposed	NPL	/ BR	AC Y	ear / F	RAB / (	CTC D	elta f													
				ļ	Comp		Unde		Fut			Schedule act**	Costs Th FY10 (§	0	FY10 l Obligate			xecution d (\$000)		Planning te (\$000)	Estima	ited Costs	(\$000)
			P	Phase	IRP				IRP I	MMRP	_ ^		,	- 1	-			/					
							Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<u>Florida</u>																							
NAVY - PENS	SACOLA NAS / FL417	002461000 / NPL / RAB																					
,	IRP Sites and MRSs by C	lassification	S	Study	60	0	5	1	0	0			\$46,686	\$738	\$0	\$0	\$1,210	\$187	\$91	5 \$0	FY13	\$2,784	\$:
Response Complete	32 Response Complete	0		IRA	18(21)	0(0)	0(0)	0(0)					\$6,419	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,090	5
High	7 MRSPP-1	0 MRSPP-7	0 D	Design	21	0	0	0	7	1			\$1,985	\$0	\$92	\$0	\$0	\$0	\$104	4 \$10	FY15	\$2,411	
Medium	4 MRSPP-2	0 MRSPP-8	0 <b>I</b>	RA-C	10	0	5	0	7	1			\$11,591	\$0	\$2,447	\$0	\$1,931	\$0	\$(	\$0	FY16	\$3,088	\$
Low	4 MRSPP-3	0 Evaluation Pending	1 I	RA-O	4	0	12	0	17	0			\$14,794	\$0	\$147	\$0	\$1,967	\$0	\$1,78	\$0	FY11-Comp	. IRP	\$45,
Not Evaluated	3 MRSPP-4	0 No Known/Suspected	0 ]	LTM	0	0	1	0	17	0			\$1,720	\$0	\$170	\$0	\$225	\$0	\$364	4 \$0	FY11-Comp	. MMRP	\$1,
Not Required	15 MRSPP-5	0 No Longer Required	0	IRP Fi	nal RC:	FY 204	4 !	MRS Fina	al RC: FY	2019		Total	\$83,195	\$738	\$2,856	\$0	\$5,333	\$187	\$3,16	\$10	FY11-Comp	lete	\$47,1
Total IRP Sites	65 MRSPP-6	0 Total MRSs	1	Five-Ye	ar Revie	w Comple	eted and I	Planned fo	or Future														
in FY10:	Refer to Page F-150.									1000		Progress in FY10:	Ü										
IRP Progress Planned for FY11-FY12:										MMRI		s Planned 711-FY12:	Refer to Page	F-150.									
NAVY - WHI	TING FIELD NAS / FI	.417002324400 / NPL / RA	AB																				
	IRP Sites and MRSs by C	lassification	S	Study	46	0	0	1	0	0	REG	REG	\$19,692	\$1,250	\$0	\$27	\$0	\$0	\$0	\$0	FY13	\$814	
Response Complete	31 Response Complete	0		IRA	13(13)	0(0)	0(0)	0(0)					\$7,449	\$253	\$0	\$253	\$0	\$280	\$(		FY14	\$835	
High	0 MRSPP-1	0 MRSPP-7		Design	5	0	0	0	0	0			\$531	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$841	
Medium	0 MRSPP-2	0 MRSPP-8	_	RA-C	5	0	1	0	0	0			\$4,950	\$0	\$125	\$0	\$0	\$0	\$(	_	FY16	\$817	
Low	1 MRSPP-3	Evaluation Pending		RA-O	2	0	4	0	0	0			\$6,488	\$0	\$629	\$0	\$1,009	\$0	\$790		FY11-Comp		\$18,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 ]	LTM	0	0	14	0	4	0			\$172	\$0	\$10	\$0	\$17	\$0	\$1		FY11-Comp		\$
Not Required	14 MRSPP-5	No Longer Required	_		nal RC:				al RC: FY	2040		Total	\$39,282	\$1,503	\$764	\$280	\$1,026	\$280	\$80	\$0	FY11-Comp	lete	\$18,9
Total IRP Sites	46 MRSPP-6	0 Total MRSs	1	Five-Ye	ar Revie	v Comple	eted and I	Planned fo	or Future														
in FY10:	Refer to Page F-193.											Progress in FY10:											
IRP Progress Planned for FY11-FY12:										MMRI		s Planned 711-FY12:	Refer to Page	F-193.									
<b>AIR FORCE</b>	- CAPE CANAVERAL	AIR FORCE STATION /	/ FL45711	124407	00																		
•	IRP Sites and MRSs by C	lassification	S	Study	79	5	1	0	11	0			\$38,136	\$889	\$0	\$0	\$0	\$0	\$164	1 \$0	FY13	\$5,202	
Response Complete	57 Response Complete	5		IRA	59(101)	0(0)	3(5)	0(0)					\$36,443	\$0	\$2,679	\$0	\$3	\$0	\$(	\$0	FY14	\$3,308	
High	0 MRSPP-1	0 MRSPP-7	0 D	Design	7	0	1	0	0	0			\$9,525	\$0	\$202	\$0	\$0	\$0	S	\$0	FY15	\$2,447	
Medium	1 MRSPP-2	0 MRSPP-8	0 I	RA-C	7	0	1	0	1	0			\$46,278	\$0	\$0	\$0	\$3,596	\$0	\$(	\$0	FY16	\$2,754	
Low	2 MRSPP-3	0 Evaluation Pending	0 F	RA-O	5	0	20	0	2	0			\$16,011	\$0	\$4,786	\$0	\$3,179	\$0	\$5,090	5 \$0	FY11-Comp	. IRP	\$68,
Not Evaluated	11 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	10	0	26	0			\$1,995	\$0	\$139	\$0	\$1,115	\$0	\$3,809	\$0	FY11-Comp	. MMRP	
Not Required	20 MRSPP-5	0 No Longer Required	5	IRP Fir	nal RC:	FY 203	3 1	MRS Fina	al RC: FY	7 2010		Total	\$148,388	\$889	\$7,806	\$0	\$7,893	\$0	\$9,069	\$0	FY11-Comp	lete	\$68,
Total IRP Sites	91 MRSPP-6	0 Total MRSs	5	Five-Ye	ar Revie	v Comple	eted and I	Planned fo	r Future												-		
IRP Progress in FY10:	Land Use Controls as LTM (10 Si	tes); RAO, CCAFS 20 Sites; IRA-O a	CCAFS at 2 S	Sites; PCB	Soil Samp	ling - 7 La	unch Comp	lexes,SLC-	11 & C036		MMRI	Progress in FY10:	Completed N	FA ESS for	removal act	ion awarded	in FY09.						

for FY11-FY12: CCAFS; LUC Maintenance AS IRA-O, DP064; 1,4-Dioxane Sampling at 5 Sites; Groundwater Modeling at 5 Sites;

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	ı / FI	FID / NPL or Pro	opose	d NPI							_		Ja	1	******								
							oleted		erway	Fut	-		Schedule pact**	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned	xecution 1 (\$000)		Planning te (\$000)	Estima	ted Costs	(\$000)
					Phase	IRP		IRP Sites (A	MMRP	IRP	MMRP			,					. ,					1000
							,	Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<u>Florida</u>																								
AIR FORCE	- EGLIN AIR FORCE	BASE	/ FL457172436600 /	RAB																				
	IRP Sites and MRSs by C	lassific	ation		Study	137	6	0	10	2	1			\$36,088	\$12,007	\$0	\$9,840	\$71	\$2,880	\$109	\$3,627	FY13	\$1,722	\$1,44
Response Complete	132 Response Complete	3			IRA	72(91)	0(0)	0(0)	0(0)					\$10,733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,211	\$5,60
High	0 MRSPP-1	0	MRSPP-7	0	Design	18	0	0	0	0	2			\$3,279	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,149	\$10,52
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	45	0	0	0	1	11			\$14,378	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,042	\$1,78
Low	0 MRSPP-3	0	Evaluation Pending	14	RA-O	15	0	4	0	3	1			\$10,866	\$0	\$469	\$0	\$814	\$0	\$719	\$0	FY11-Comp	. IRP	\$18,30
Not Evaluated	3 MRSPP-4	0	No Known/Suspected	0	LTM	8	0	29	0	6	11			\$10,125	\$0	\$1,011	\$0	\$1,025	\$0	\$975	\$0	FY11-Comp	. MMRP	\$32,9
Not Required	4 MRSPP-5	0	No Longer Required	3	IRP Fi	nal RC:	FY 201	6	MRS Fina	al RC: F	Y 2016		Total	\$85,469	\$12,007	\$1,480	\$9,840	\$1,910	\$2,880	\$1,803	\$3,627	FY11-Comp	lete	\$51,25
Total IRP Sites	139 MRSPP-6	0	Total MRSs	17	Five-Y	ear Revie	w Comple	eted and	Planned fo	r Future														
in FY10:	ERP TECHNICAL SUPPORT; L' Elevation Data Continuing ERP Technical Suppor								te Eglin's G	W	MMRI	Progre	in FY10: ss Planned Y11-FY12:	was awarded	l in FY10. 1	Removal action	ons at the dis	posal pits con	ntinued.	were scored	under the MR	SPP requirement.	A RI for the Eg	glin Bay range
AIR FORCE	- HOMESTEAD AIR F	ORCI	E BASE / FL4572124	103700	/ NPL /	BRAC	1993/20	05 Real	ignment	t / RAB /	/ C-EST	,												
	IRP Sites and MRSs by C	lassific	ation		Study	35	0	0	2	7	0			\$14,400	\$1,933	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$3,251	\$5,83
Response Complete	34 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$1,186	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$385	\$26,52
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$2,322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$384	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$9,697	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$598	\$
Low	0 MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$199	\$0	\$0	\$0	\$5	\$0	\$322	\$0	FY11-Comp	. IRP	\$12,84
Not Evaluated	7 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$4,668	\$0	\$0	\$0	\$15	\$0	\$48	\$0	FY11-Comp	. MMRP	\$32,35
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 299	9 ]	MRS Fina	al RC: F	Y 2017		Total	\$32,472	\$1,933	\$0	\$0	\$20	\$0	\$370	\$0	FY11-Comp	lete	\$45,19
Total IRP Sites	42 MRSPP-6	0	Total MRSs	2	Five-Y	ear Revie	w Comple	eted and	Planned fo	or Future														
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	Refer to Page F-87.  Refer to Page F-87.										MMRF	Progre	P Progress in FY10: ss Planned Y11-FY12:											
AIR FORCE	- HURLBURT AIR FO	RCE I	BASE / FL45718243	7500 / 1	BRAC 2	005 Rea	lignme	nt / RA	В															
	IRP Sites and MRSs by C	lassific	ation		Study	26	0	0	4	2	0			\$4,680	\$416	\$0	\$0	\$0	\$0	\$0	\$1,652	FY13	\$635	\$1,09
Response Complete	23 Response Complete	0			IRA	11(16)	0(0)	0(0)	0(0)					\$3,038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$505	\$38
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2			\$595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$605	\$8
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	19	0	0	0	0	4			\$584	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$532	\$8
Low	0 MRSPP-3	0	Evaluation Pending	4	RA-O	5	0	3	0	0	2			\$9,426	\$0	\$962	\$0	\$1,172	\$0	\$692		FY11-Comp		\$6,47
Not Evaluated	2 MRSPP-4	0	No Known/Suspected	0	LTM	3	0	13	0	3	4			\$2,565	\$0	\$445	\$0	\$346	\$0	\$383	\$0	FY11-Comp	. MMRP	\$4,20
Not Required	3 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 2012	2	MRS Fina	al RC: F	Y 2014		Total	\$20,888	\$416	\$1,407	\$0	\$1,518	\$0	\$1,075	\$1,652	FY11-Comp	lete	\$10,67
Total IRP Sites	28 MRSPP-6	0	Total MRSs	4														•						
in FY10:	LTM at 14 sites and RA-O at 2 sit  Continuing LTM at 14 sites and R				_						ммы		P Progress in FY10:					Report. All !	MMRP Sites	were scored	under the MR	SPP requirement.		

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Sta	tus o	f Installation	ıs wit	h FY11 to Com	ıplet	tion C	ost E	stima	ite Gr	eater	Than	\$10,0	000,00	00							Defe	nse Envir	onmental Re	estoration	ı Program
DoD Con	none	ont - Installatio	n / FI	FID / NPL or Pro	nose	d NPI	. / BR	AC V	ear / I	PAR/	СТС Г	elta f	rom F	V00*	7										
Dob Con	ipone	nt - Instanatio	11 / 1 1	EID / INI L OI I I O	posc	u I I I		pleted		erway	Fut		_	chedule	Costs Tl	hrough	FY10	Funds	FV11 F	xecution	FV121	Planning			
						Phase					IRP			act**	FY10 (		Obligate		Planne			te (\$000)	Estima	ted Costs	(\$000)
						Phase	IKP		Sites (A		IKP	VIVIKP	IDD	MMRP	IRP 1	MMDD	IDD	MMRP	IDD	MMRP	IDD	MMDD	Fiscal Year	IRP	MMRP
TOIL • T									Dittes (11	ctions)			IKI	WIWIKI	IKI	VIVIKI	IKI	WIWIKI	IKI	WIWIKI	IKI	WIWIKI	riscai Tear	IKP	WIWIKP
Florida																									
AIR FORCE	E - M	ACDILL AIR FOR	RCE BA	ASE / FL45718245820	00 / BI	RAC 200	)5 Reali	ignment	t / RAB																
	IR	P Sites and MRSs by	Classific	ation		Study	51	4	0	8	8	0			\$28,562	\$3,456	\$0	\$2,941	\$1,664	\$405	\$438	\$643	FY13	\$978	\$930
Response Complete	34	Response Complete	0			IRA	11(15)	0(0)	0(0)	0(0)					\$5,708	\$0	\$607	\$0	\$0	\$0	\$0	\$0	FY14	\$959	\$342
High	0	MRSPP-1	0	MRSPP-7	0	Design	16	0	0	0	0	3			\$1,599	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$802	\$118
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	28	0	0	0	0	8			\$18,062	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,191	\$106
Low	0	MRSPP-3	0	Evaluation Pending	12	RA-O	3	0	15	0	0	0			\$13,251	\$0	\$892	\$0	\$954	\$0	\$906	\$0	FY11-Comp.	. IRP	\$20,744
Not Evaluated	10	MRSPP-4	0	No Known/Suspected	0	LTM	5	0	12	0	16	8			\$6,770	\$0	\$554	\$0	\$603	\$0	\$393	\$0	FY11-Comp.	MMRP	\$4,662
Not Required	15	MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 203	33	MRS Fina	al RC: FY	2014		Total	\$73,952	\$3,456	\$2,053	\$2,941	\$3,221	\$405	\$1,737	\$643	FY11-Compl	lete	\$25,406
Total IRP Sites	59	MRSPP-6	0	Total MRSs	12	Five-Y	ear Revie	ew Under	way and I	Planned fo	r Future														
IRP Progr	ess LTM	at LF-03; RA-O at LF 5-9;	; LTM at L	F-12; 5 Year Review at LF-02;	RA-O (N	MNA) at FT	-23; RA-O	(MNA) at	OT-24; RA-	-O (MNA) a	t ST-25;		MMRP	Progress	Completed t	he draft final	l basewide C	SE Phase II	Report. All	MMRP Sites	were scored	under the MR	SPP requirement. A	A basewide RI	I with EE/CAs
in FY	10: LTM RA-	at SD26; RA-O at LF-11; I O (MNA) at SS-61; LTM at	Interim Re SS-67: RA	medial Action at ST056; RA-O (A-O (MNA) at SS-76; RA-O at O	(MNA) a OT28: R.	at ST38; LT A-O at 4 Si	M at ST-52 es: LTM at	2; RA-O at t SS67: Tec	SS-35; RA- chnical Supr	O (MNA) at bort: Well	t ST-57;			in FY10:	was awarded	l in FY10.									
	Dane	ir/Ahandanmant-Maintana	noo and Da	maire and Chill Citae ( 507/9/0/	10 60:1	Damarala																			
for FY11-FY			Multiple S	ites; Delineation At SS-21; GEI	ITA Tecl	hnical Supp	ort; Well R	epair/Aban	donment; a	nd Maintena	nce and	MMRI		S Planned 11-FY12:	Complete the	e EE/CAs sc	oped and aw	arded in FY	10.						
AIR FORCE	E - PA	TRICK AIR FOR	RCE BA	SE / FL457112440400	0 / RA	B / C-E	ST																		
	IR	P Sites and MRSs by	Classific	ation		Study	32	5	1	0	10	0			\$35,272	\$2,112	\$0	\$0	\$0	\$0	\$733	\$0	FY13	\$1,101	\$0
Response Complete	25		5			IRA	19(30)	0(0)	1(1)	0(0)					\$5,334	\$0	\$1,328	\$0	\$1,646	\$0	\$0		FY14	\$2,245	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	0			\$1,729	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$566	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	0	0			\$7,252	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$300	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	5	0	7	0	0	0			\$3,363	\$0	\$820	\$0	\$502	\$0	\$1,566		FY11-Comp.	IRP	\$14,207
Not Evaluated	10	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	2	0	14	0			\$1,250	\$0	\$8	\$0	\$324	\$0	\$76		FY11-Comp.		\$0
Not Required	7	MRSPP-5	0	No Longer Required	5	IRPF	inal RC:	FY 203	33	MRS Fin:	al RC: FY	7 2010		Total	\$54,200	\$2,112	\$2,156	\$0	\$2,472	\$0	\$2,375	\$0	FY11-Compl	lete	\$14,207
Total IRP Sites	43	MRSPP-6	0	Total MRSs	5	1				Planned fo		2010			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. ,	. ,		. ,		. , , .				
IRP Progr	ess DAE	Coste: IDD Contractor Sun	mort: Soil I	Removal IM (PATFACs/SA035)	): I and I								MMRP	Progress	Completed to	ha NEA ESS	for ramova	Lastion awar	dad in EV00	at SD202					
in FY	10: Sites	); 5-Year LTM at 5 PAFB I	Landfills; N	MNA/LTM, OT030, P041; LTM	I at DP03	31, Fac 958,	P045; Soil	Removal is	n Matador S	St Area; and	Indoor Air		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	in FY10:	Completed t	HE INFA ESS	o ioi remova	action awaii	ded III I 1 09	at SK303.					
	Asse	ssment at OT030, 5 Facilitie	es.																						
IRP Progress Plant	ed RAE	Costs; Environmental Supp	port Servic	es; IRP Contractor Support; Soil , 7 SITES, PAFB; MNA/LTM,	l Remov	al IM (PAT	FACS/SAC	35)-Part 2;	LUC Main	tenance as L	TM, 2	MMRI			No further M	MRP work	is planned for	or the installa	tion.						
IOT FY11-FY	OT0	30; and LTM AT DP031, F.	ce as RA-C AC 958, Pt	), / SITES, PAFB; MNA/LTM, )45.	01030,	P041; Grou	ndwater M	odeling at C	J1030; 1,4-	Dioxane Sai	mpiing at		Ior F Y	11-FY12:											
A ID FORC	TE TY	AIDALL AIDEOL	DCE D	CE / EI 45515241240	)0 / NII	nt / DD	A C 200	5 DP.		/ C TEC	TI / C D	EC													
AIRFORG				ASE / FL45715241240	JU / INI	1		5 Keang	_	1	_														
		P Sites and MRSs by		ation		Study	36	0	4	11	52	0			\$24,750	\$2,890	\$0	\$0	\$2,409	\$0	\$177		FY13	\$1,117	\$1,179
Response Complete	23		0			IRA	6(8)	0(0)	0(0)	0(0)					\$2,550	\$0	\$283	\$0	\$5,338	\$0	\$0			\$1,279	\$152
High	2	MRSPP-1	0	MRSPP-7	0	Design	9	0	1	0	3	3			\$356	\$0	\$0	\$0	\$0		\$0		FY15	\$890	\$36
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	2	0	5	3			\$10,345	\$0	\$0	\$0	\$169	\$0	\$284		FY16	\$5,770	\$33
Low	10	MRSPP-3	0	Evaluation Pending	11	RA-O	0	0	9	0	6	0			\$1,844	\$0	\$0	\$0	\$369	\$0	\$210		FY11-Comp.		\$24,018
Not Evaluated	52	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	15	3			\$289	\$0	\$0	\$0	\$567	\$0	\$209		FY11-Comp.		\$4,193
Not Required	5	MRSPP-5	0	No Longer Required	0	1		FY 203			al RC: FY	2021		Total	\$40,134	\$2,890	\$283	\$0	\$8,852	\$0	\$880	\$2,178	FY11-Compl	lete	\$28,211
Total IRP Sites	92	MRSPP-6	0	Total MRSs	11	Five-Y	ear Revie	w Planne	ed for Futt	ure															
		r to Page F-183.											MMRP		Refer to Pag	e F-183.									
in FY	10:													in FY10:											

IRP Progress Planned Refer to Page F-183. for FY11-FY12:

MMRP Progress Planned Refer to Page F-183. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	ponent - Installati	on / F	FID / NPL or Pr	opos	ed NPI	/ BR	AC Y	ear /	RAB /	CTC D	elta f	,										1		
					Phase		pleted MMDI		lerway MMRP	Fut		T	Schedule act**	Costs Tl FY10 (			Funds ed (\$000)		xecution d (\$000)		Planning ite (\$000)	Estima	ted Costs	(\$000)
					rnase	IKF			Actions)	IKF	VIIVIKI	-	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Florida								`				1111	1/21/2212	11(1	<u> </u>		1/21/22(2	1111	1/21/2212	1111	1/21/2212	riscur reur	IM	WINIE
	Y USED DEFENSE SI	TEC A	ID TO CROUND C	א אווי	NCE	N DDA	NSON /	/ FI 407	00E441Q	00														
FORWIERL				TUN KA	Study	0	0	11497	7714410	0	0			\$0	\$178	\$0	\$7	\$0	\$0	so so		FY13	\$0	
Response Complete	IRP Sites and MRSs by	-	cation		IRA	0(0)	0(0)	0(0)	0(0)	-	0			\$0	\$178	\$0		\$0					\$0 \$0	
High	0 MRSPP-1		MRSPP-7	I 0	Design	0	0	0(0)	0(0)	0	1			\$0	\$0	\$0		\$0				FY15	\$0	
Medium	0 MRSPP-2		MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0				FY16	\$0	
Low	0 MRSPP-3		Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0				FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4		No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0				FY11-Comp		\$14,
Not Required	0 MRSPP-5		No Longer Required	0	IRP F	inal RC:	FY -		MRS Fin:	al RC: FY	2115		Total	\$0	\$178	\$0	\$7	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$14,
Total IRP Sites	0 MRSPP-6		Total MRSs	1																				
in FY1	ed No IRP sites identified.										MMR	P Progres	in FY10:	Completed S  No project a				I Report. M	MRP project	realigned ar	id approval re	quested via revised I	NPR.	
FORMEDI	Y USED DEFENSE SI	TES - C	'AMP RI ANDING /	FI 407	00F/3//	ROO.																		
TORMERI				I LADI	1	1	0	0	11	0	0	_		\$744	\$175	\$0	\$0	so	\$0	so so		EX/12	\$0	
D G 1/	IRP Sites and MRSs by	_	cation		Study		0(0)	0(0)	0(0)	0	0	-		\$580	\$175	\$0		\$0				FY13	\$0 \$0	
Response Complete High	1 Response Complet 0 MRSPP-1	e (	MRSPP-7	Ι,	Design	1(1)	0(0)	0(0)	0(0)	0	11	-		\$580	\$0	\$0		\$0		\$0		FY14 FY15	\$0 \$0	
Medium	0 MRSPP-1	-	MRSPP-8	1	RA-C	0	0	0	0	0	11	-		\$0	\$0	\$0		\$0	4.0				\$0 \$0	
Low	0 MRSPP-3		Evaluation Pending	1	RA-O	0	0	0	0	0	0	-		\$0	\$0	\$0		\$0						
Not Evaluated	0 MRSPP-4	,	No Known/Suspected	0	LTM	1	0	0	0	0	11			\$1	\$0	\$0		\$0						\$54,
Not Required	0 MRSPP-5		No Longer Required	0		inal PC:	FY 200	Ů	MRS Fin:			_	Total	\$1,325	\$175	\$0		so		\$0				\$54,1
Total IRP Sites	1 MRSPP-6		2 Total MRSs	11	-	mai KC.	FT 200	00	WIKS FIII	arke. F	2034		10441	<b>\$1,020</b>	ψ <b>2</b> 72	Ψ.	φσ		φσ	Ψ.	φσ	1 111 comp	icte	T
IRP Progres in FY1  IRP Progress Planne for FY11-FY1	ed No actions planned.										MMRI	P Progres	in FY10:	No progress  No actions p										
FORMERL	Y USED DEFENSE SI	TES - C	AMP GORDON JO	HNST	ON / FL	49 <b>7</b> 99F	715100																	
	IRP Sites and MRSs by	Classifi	cation		Study	1	0	0	1	1	0			\$12	\$1,336	\$0	\$69	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complet	е (	)		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$598	
High	0 MRSPP-1		MRSPP-7	0	Design	1	0	0	0	1	1			\$0	\$0	\$0		\$10		\$0		FY15	\$83	
Medium	1 MRSPP-2	(	MRSPP-8	0	RA-C	0	0	0	1	2	0			\$0	\$2,901	\$0	\$0	\$85	\$0	so	\$0	FY16	\$1,953	
Low	0 MRSPP-3	(	Evaluation Pending	1	RA-O	0	0	0	0	1	0	_		\$0	\$0	\$0		\$0				1		\$8,
Not Evaluated	0 MRSPP-4	(	No Known/Suspected	0	LTM	0	0	0	0	1	1			\$0	\$0	\$0		\$0				FY11-Comp		\$119,
Not Required	1 MRSPP-5	-	No Longer Required	0	-		FY 201		MRS Fina	al RC: FY	2039		Total	\$12	\$4,237	\$0	\$69	\$95	\$0	\$0	\$0	FY11-Comp	lete	\$127,
Total IRP Sites  IRP Progre in FY1	2 MRSPP-6 288 No IRP activity during FY 20 0:		Total MRSs	1	Five-Y	ear Revie	ew Planne	ed for Fu	ture			MMRI	Progress in FY10:	Perform son	ne remedial	investigation	n effort.							
IRP Progress Planno for FY11-FY1	ed Project 01: CON/HTRW. Con 2:	plete Reme	dial Design (Rm-D) and Reme	edial Actio	n (Rm-A)reo	quired to ac	chieve Proje	ect Close-o	out.		MMRI		s Planned 11-FY12:	No actions p	lanned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

																				Tommentar K		
DoD Cor	mponent - Installa	tion / FFID / NPL or Prop	posed NPI	_ / BR	AC Y	ear / F	RAB / (	CTC D	elta f													
				<u> </u>	pleted		erway	Futı		Imn		Costs Tl				FY11 Ex Planned			Planning ite (\$000)	Estima	ated Costs	(\$000)
			Phase	IRP				IRP N	MMRP	ımp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planneu	(\$000)	Estima	te (\$000)	Liyellan	iteu Costa	(\$000)
				L	!	Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Florida																						
FORMER	RLY USED DEFENSE S	SITES - FORT PICKENS / FL49	9799F436000	,																		
_	IRP Sites and MRSs		Study	0	0	0	1	0	0			\$0	\$193	\$0	\$28	\$0	\$108	\$0	\$2,367	FY13	\$0	\$71
Response Complete			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0			\$0			FY14	\$0	\$0
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	\$5,305
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	\$3,933
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$12,23
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP F	inal RC:	FY -	,	MRS Fina	al RC: FY	2036		Total	\$0	\$193	\$0	\$28	\$0	\$108	\$0	\$2,367	FY11-Comp	olete	\$12,235
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1								-											
	ogress No IRP sites identified.							MMRF	Progress in FY10:	Completed !	1st Technica	l Project Pla	inning (TPP) r	meeting with I	Florida DEP	and local s	takeholders. F	inished field work f	for Site Inspect	ion (SI) phase.		
l								ļ														
IRP Progress Plan for FY11-FY	nned No IRP sites identified.							ļ	MMRF	Progres	s Planned 11-FY12:	Complete D	raft SI Repo	rt, Second T	PP meeting a	nd Final SI Re	eport. Scheo	dule RI/FS p	phase, if recom	mended.		
101 1 1 1 1 1	112.									101 1 1	11-1 112.											
FORMER	ELY USED DEFENSE S	SITES - FT MYERS BOMB & G	GUN RANGI	E / FL49		10300																
_	IRP Sites and MRSs		Study	0	0	0	1	0	0			\$0	\$153	\$0	\$15	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete			IRA	0(0)	0(0)	0(0)	0(0)			$\vdash$		\$0	\$0	\$0			\$0			FY14	\$0	\$0
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	_		_	\$0			FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0				\$0			FY16	\$0	\$0
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$16,19
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP F	inal RC:	FY -	-	MRS Fina	al RC: FY	2119		Total	\$0	\$153	\$0	\$15	\$0	\$0	\$0	\$0	FY11-Comp	olete	\$16,19
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
in FY	ogress No IRP sites identified.  Y10:  anned No IRP sites identified.								MMRI		in FY10:				se and Final SI	I Report. Reco	ommend RI/	FS phase.				
for FY11-FY										for FY	711-FY12:	NO IVIII I	лојест ист	ity senedu.	d during un. ,	Jeriou.						
FORMER	RLY USED DEFENSE S	SITES - GLADE CREST AIR-TO	O-GROUND	BOMI	3 RANC	JE / FL	49799F9	18200														
,	IRP Sites and MRSs	by Classification	Study	0	0	0	1	0	0			\$0	\$179	\$0	\$39	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	e 0 Response Comple	ete 0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	s
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$10,50
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP F	inal RC:	FY -	,	MRS Fina	al RC: FY	Z 2036		Total	\$0	\$179	\$0	\$39	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,50
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
IRP Prog	ogress No IRP sites identified.										in FY10:					Report. Reco	mmend RI/I	FS phase.				
IRP Progress Plan for FY11-FY	nnned No IRP sites identified.								MMRF	Progres for FY	ss Planned 711-FY12:	No MMRP	project activ	ity schedule	ed for this perio	od.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	nponent - Installatio	n / FI	FID / NPL or Pr	opose	ed NPI	Z/BR	AC Y	ear / F	RAB / (	CTC D	elta fi	rom F	Y09*											
							pleted		erway	Fut		FY10	Schedule				Funds		Execution			E-4	ted Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligat	ed (\$000)	Plann	ed (\$000)	Estima	ite (\$000)	Esuma	tea Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Florida																								
FORMERI	LY USED DEFENSE SIT	ES - L	AKE BRYANT BO	MB & 0	GUNNE	RY RA	NGE / I	L49799	F441100	)														
<b>Y</b>	IRP Sites and MRSs by O				Study	0	0	0	1	0	0			\$0	\$637	\$	0 \$0		\$0 \$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$	0 \$0		\$0 \$0	\$(	\$0	FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$	0 \$0		\$0 \$0	\$(	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$	0 \$0	:	\$0 \$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$	\$0		\$0 \$0	\$0	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$	50 \$0		\$0 \$0	so	\$0	FY11-Comp	. MMRP	\$57
lot Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -	1	MRS Fina	l RC: FY	2031		Total	\$0	\$637	\$	\$0	:	\$0 \$0	\$0	\$0	FY11-Comp	lete	\$57
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY1 IRP Progress Plann	IRP Sites 0 MRSPP-6 0 Total MRSs 1  IRP Progress No IRP sites identified. in FY10:  Progress Planned No IRP sites identified. for FY11-FY12:  MMRP Progress Planned No actions planned. for FY11-FY12:  FORMERLY USED DEFENSE SITES - LAKE WILMINGTON TARGET / FL49799F968500																							
_	in FY10:  Progress Planned No IRP sites identified. for FY11-FY12:  MMRP Progress Planned No actions planned. for FY11-FY12:  FORMERLY USED DEFENSE SITES - LAKE WILMINGTON TARGET / FL49799F968500  IRP Sites and MRSs by Classification  Study 0 0 0 0 1 0 0 50 5161 50 58 50 50 50 FY13 50																							
ТОЛЕМЕН	Progress Planned for FY11-FY12:         MMRP Progress Planned for FY11-FY12:         No actions planned.           FORMERLY USED DEFENSE SITES - LAKE WILMINGTON TARGET / FL49799F968500         IRP Sites and MRSs by Classification         Study 0 0 0 0 1 0 0 0 50 5161 50 58 50 50 50 50 FY13															\$0								
con once Complete		lassine	ation				1		-	-	0	-										-	\$0	
ligh	in FY10:  **magress Planned No IRP sites identified.**  **magress Planned No IRP sites Planned.**  **magress Planned No IRP sites identified.**  **magress Planned No IRP sites Planned.**  **magress Planned No actions planned.**  **magress Planned.**  **magress Planned No actions planned.**  **magress Planned No actio																\$0							
Medium		0		0								$\vdash$											\$0	
ow		0		1	_																			
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0				50 \$0			FY11-Comp		\$13
lot Required	0 MRSPP-5	0	No Longer Required	0		nal RC:	FY -		MRS Fina	IRC: FY	2101		Total	\$0	\$161	\$			\$0 \$0	\$0	_	FY11-Comp		\$13
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1						-101													
in FY1	ned No IRP sites identified.										MMRP	Progre	Progress in FY10: as Planned 711-FY12:						Recommend RI	/FS phase.				
FORMERI	LY USED DEFENSE SIT	ES - O	PA LOCKA AIRPO	ORT / F	L49799	F44930	0 / C-TI	ECH										_				_		
	IRP Sites and MRSs by C	Classific	ation		Study	1	0	2	1	0	0			\$5,525	\$217	\$98		_	\$0 \$0	\$300		FY13	\$0	
Response Complete	1 Response Complete	0			IRA	1(1)	0(0)	0(0)	0(0)					\$1,727	\$0				\$0 \$0			FY14	\$0	
ligh	2 MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	1	1			\$424	\$0				\$0 \$0			FY15	\$0	
fedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	1	1			\$1,013	\$0				\$0 \$0	\$0		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	2	0			\$0	\$0				\$0 \$0			FY11-Comp		\$5
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$3	\$0				\$0 \$0			FY11-Comp		\$4
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY 201	5 1	MRS Fina	l RC: FY	2129		Total	\$8,692	\$217	\$98	\$40	:	\$0 \$0	\$300	\$0	FY11-Comp	lete	\$10
IRP Progre in FY1	3 MRSPP-6 ress Continued with remedial investig 10:	ation effo	Total MRSs	minated so	pils.							MMRI	Progress in FY10:	Completed S	Site Inspecti	on (SI) pha	se and Final S	I Report.	Recommend RI	/FS phase.				
IRP Progress Plann for FY11-FY1	ned Continue investigation for remed	iation.									MMRP	Progres	s Planned /11-FY12:	No MMRP p	oroject activ	rity schedule	ed during this	period.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	ponent - Installation	n / FI	FID / NPL or Pr	opose	d NPI	/ BR	AC Y	ear / F	RAB / G	CTC D	elta f	rom F	Y09*											
						Com	pleted	Unde	erway	Fut	ure		Schedule								Planning	Estimo	ted Costs	(\$0002)
					Phase	IRP	MMRP	IRP	MMRP	IRP I	MMRP	Imp	act**	FY10 (	(\$000)	Obligat	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estilla	ieu Cosis	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
lorida																								
• FORMERL	Y USED DEFENSE SITI	ES - PI	ERRY BOMBING R	RANGE	E / FL49	799F72	2200																	
<u> </u>	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$231	\$0	\$0	\$0	\$0	SC	\$0	FY13	\$0	
esponse Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$(	\$0	\$0	\$0	\$(	_	FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$0	FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$21
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	]	MRS Fina	ıl RC: FY	2115		Total	\$0	\$231	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$21,
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY10 IRP Progress Planne	IRP Progress No IRP sites identified.  IRP Progress No IRP sites identified.  IRP Progress Planned for FY11-FY12:  MMRP Progress Planned for FY11-FY12:  MMRP Progress Planned for FY11-FY12:  FORMERLY USED DEFENSE SITES - USAF AVON PARK RANGE / FL49799F450500  IRP Sites and MRSs by Classification  Study 0 0 0 1 0 0 50 5255 50 50 50 50 50 50 FY13 50																							
♦ FORMERL	FORMERLY USED DEFENSE SITES - USAF AVON PARK RANGE / FL49799F450500  IRP Sites and MRSs by Classification Study 0 0 0 1 0 0 50 5255 50 50 50 50 50 50 FY13																							
	MERLY USED DEFENSE SITES - USAF AVON PARK RANGE / FL49799F450500    IRP Sites and MRSs by Classification   Study   0   0   0   1   0   0   0															\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
esponse Complete	0 Response Complete		0(0)	0(0)					\$0	\$0	SC	\$0	\$0	\$0	\$0	\$0	FY14	\$0						
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$127,
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	]	MRS Fina	ıl RC: FY	2164		Total	\$0	\$255	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$127,
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progres in FY10 IRP Progress Planne for FY11-FY12	d No IRP sites identified.										MMRI	Progres	Progress in FY10: s Planned 711-FY12:											
FORMERL	Y USED DEFENSE SITE			CWS			1															Γ		
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$5,350	\$0		\$0	\$0	\$0		FY13	\$0	
esponse Complete	0 Response Complete	0	Lancopp 7		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0			\$0	\$0	\$(		FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0			\$0	\$0	\$0		FY15	\$0	
ledium	0 MRSPP-2 0 MRSPP-3	0	MRSPP-8	0	RA-C	0	0	0	1	0	0			\$0	\$15	\$0			\$0	\$0		FY16	\$0	
ow ot Evaluated	0 MRSPP-3 0 MRSPP-4	0	Evaluation Pending  No Known/Suspected	1	RA-O	0	0	0	0	0	0	-		\$0	\$0			\$0	\$0	\$0		FY11-Comp		\$28
	0 MRSPP-4 0 MRSPP-5	0	No Known/Suspected No Longer Required	0	LTM		0		0	0			70	\$0	\$0			\$0	\$0	\$(	_			\$28 \$28
ot Required otal IRP Sites	0 MRSPP-6	0	Total MRSs	0	IRP Fi	nal RC:	FY -	]	MRS Fina	ıı RC: FY	2021		Total	\$0	\$5,365	\$0	\$5,189	\$0	\$0	\$0	\$0	FY11-Comp	iete	\$28
	SS No IRP sites identified.		TOTALIVIKSS	1	<u> </u>						ММБІ		Progress in FY10:			on (SI) phas	e. Recomme	nd RI/FS pha	ise.					
for FY11-FY12													11-FY12:	an ioi KI/	. o phase.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	/ FFID / NPL or Prop	osed NP	L/BI	RAC Y	ear / I	RAB /	CTC D	)elta f	rom F	Y09*										
•		•		_	pleted		erwav	Fut		_	Schedule	Costs Thro	ıgh l	FY10 F	unds	FY11 Execut	ion FY	12 Planning			
			Phase					IRP	MMRP	Imp	act**	FY10 (\$00	0) Ob	oligated	1 (\$000)	Planned (\$0	00) Est	imate (\$000)	Estima	ated Costs	s ( <b>\$000</b> )
						Sites (A				-	MMRP	IRP MN	IRP I	IRP 1	MMRP	IRP MM	RP IF	RP MMRP	Fiscal Year	IRP	MMR
Georgia																					
	RANY MCLR / GA41730	2369400 / NPL / RAB / C-TE	СН																		
NAVI - ADI	IRP Sites and MRSs by Cl		Study	32	0	0	0	0	0	REG		\$17,489	\$0	\$0	\$0	\$0	\$0	\$0 \$0	FY13	\$388	
Response Complete	25 Response Complete	assincation	IRA	12(17)	0(0)	0(0)	0(0)	-	0	REG		\$3,274	\$0	\$0	\$0	\$0	\$0		FY14	\$398	
High	0 MRSPP-1	0 MRSPP-7	0 Design	- ` ′	0(0)	0(0)	0(0)	0	0	TECH		\$1,554	\$0	\$0	\$0	\$0	\$0	\$0 \$0		\$401	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	0	0	0	0	TECH		\$18,759	\$0	\$0	\$0	\$0	\$0		FY16	\$410	
Low	0 MRSPP-3	Evaluation Pending	0 RA-O	+	0	5	0	0	0	12011		\$2,367	\$0	\$526	\$0	\$309			FY11-Comp		\$10
Not Evaluated	0 MRSPP-4	No Known/Suspected	0 LTM	0	0	2	0	0	0			\$683	\$0	\$132	\$0	\$64	\$0		FY11-Comp		_
Not Required	7 MRSPP-5	No Longer Required			FY 203			al RC: FY			Total	\$44.126	\$0	\$658	\$0	\$373			FY11-Comp		\$10
Total IRP Sites	32 MRSPP-6	0 Total MRSs					Planned fo				Total	\$ <del>11</del> ,120	Ψ	\$050	φυ	ψ313	Ψ	φ303 φ0	T TTT-Comp	nete	Ψ10
	Refer to Page F-18.									MMRI	Progress	No MMRP sites	dentified								
in FY10	Refer to Tage 1-16.									.,	in FY10:	140 MINITE SILES	dentified.								
IRP Progress Planned for FY11-FY12									MMR		ss Planned 711-FY12:	No MMRP sites	dentified.								
AIR FORCE	- AIR FORCE PLANT	6 / GA457172460600																			
	IRP Sites and MRSs by Cl		Study	17	0	0	0	1	0			\$14.022	\$0	\$0	\$0	\$0	\$0	\$478 \$0	FY13	\$2,614	
Response Complete	11 Response Complete	assincation	IRA	10(25)	0(0)	0(0)	0(0)	<u> </u>				\$22,345	\$0	\$0	\$0	\$0	\$0	\$0 \$0		\$2,230	
High	0 MRSPP-1	0 MRSPP-7	0 Design	- ` '	0	0	0	0	0			\$3,737	\$0	\$0	\$0	\$0	\$0	\$0 \$0		\$2,364	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	_	0	0	0	0	0			\$14,904	\$0	\$0	\$0	\$0	\$0		FY16	\$2,438	
Low	0 MRSPP-3	Evaluation Pending	0 RA-O	+	0	6	0	0	0			\$5,391	\$0	\$2,600	\$0	\$2,516		2,172 \$0			\$24
Not Evaluated	1 MRSPP-4	0 No Known/Suspected	0 LTM	+	0	2	0	6	0			\$1,197	\$0	\$112	\$0	\$118		\$130 \$0			,
Not Required	6 MRSPP-5	No Longer Required			FY 201	8		al RC: FY		_	Total	\$61,596	\$0	\$2,712	\$0	\$2,634		2,780 \$0	-		\$24
Total IRP Sites	18 MRSPP-6	0 Total MRSs	0	mai RC		.0	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ii ke. I	•			702,570	+-	<del>+-,</del>	7.0	7-5,441	7.	,,,,,	TTTT COMP		
		T015); LTM for C5 Area (SD007 & SS015)	). I salshaad ID	D Commonts	A ED & Wid-	D 1	J C4. J.			MMPI	Progress	No MMRP sites	Jamei Ca J								
in FY10	KA-O (WF001, WF000, 35009, O	1015); L1W 101 C5 Alea (SD007 & SS015)	), Lockneed IK	r Support,	AFF 0-WIGE	Баскдіоціі	id Study			WINIKI	in FY10:	NO MINIKE SILES	uenunea.								
IRP Progress Planned for FY11-FY12		T015); LTM FOR C5 AREA (SD007 & SS0	015); LOCKHI	EED IRP SU	JPPORT; L	ΓM for SD0	005 (RB2) &	LF002	MMRI		ss Planned 711-FY12:	No MMRP sites	dentified.								
101 F 111-F 112	•									101 1 1	111-F 1 12.										
AID FORCE	- DORING AID FODCE	BASE / GA457172433000 / N	JDI / RD A	C 2005	Daalian	ment / I	DAR		'												
AIR FORCE				_		_							**	1					I		
	IRP Sites and MRSs by Cl	assification	Study	43	0	0	0	5	0	-		\$23,056	\$0	\$0	\$0	\$0	\$0		FY13	\$8,516	
Response Complete	35 Response Complete	0	IRA	25(34)	0(0)	0(0)	0(0)			-		\$19,267	\$0	\$0	\$0	\$0	\$0	\$0 \$0		\$6,943	
High	0 MRSPP-1	0 MRSPP-7	0 Design	+	0	0	0	0	0			\$12,182	\$0	\$0	\$0	\$0	\$0	\$0 \$0		\$7,084	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	0	0	0	0	-		\$71,476	\$0	\$0	\$0	\$0	\$0	\$0 \$0	1110	\$6,788	\$108
Low Not Evaluated	0 MRSPP-3 5 MRSPP-4	0 Evaluation Pending	0 RA-O	+ -	0	8	0	5	0	-		\$62,508	\$0	\$8,103	\$0	\$12,533		9,032 \$0			\$108
	5 MRSPP-4 8 MRSPP-5	0 No Known/Suspected	0 LTM	-			0	8	0			\$6,327	\$0	\$18	\$0	\$18	\$0	\$20 \$0			0100
Not Required	8 MRSPP-5 48 MRSPP-6	0 No Longer Required			FY 202			al RC: FY	Y -		Total	\$194,816	\$0	\$8,121	\$0	\$12,551	\$0 \$	9,052 \$0	FY11-Comp	nete	\$108
Total IRP Sites		0 Total MRSs	Five-	r ear Kevi	ew Comp	ieted and	Planned fo	or Future													
IRP Progres	Refer to Page F-163.									MMRI	P Progress in FY10:	No MMRP sites	dentified.								
in F Y 10																					

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	/ FFID / NPL or Prop	osed NP	L/BI	RAC Y	ear / l	RAB/	CTC I	)elta f	rom I	Y09*											
				Con	pleted	Und	erway	Fut	ure	FY10	Schedule		hrough		Funds				Planning			
			Phase					IRP	MMRP	Im	pact**	FY10	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	ate (\$000)	Estimat	ed Costs	(\$000)
						Sites (A				_	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
Georgia																						
	USED DEFENSE SITE	S - CAMP GORDON ART F	RANGE / O	3A4979	F81610	0																
FORMERO			Study	1	0	0	1	0	0			\$0	\$214	\$0	\$3	\$0	\$440	s	0 \$465	FY13	\$0	
Response Complete	IRP Sites and MRSs by Cl  O Response Complete	assification	IRA	0(0)	0(0)	0(0)	0(0)	-	0			\$0	\$0	\$0		\$0		s			\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Design	- '	0(0)	0(0)	0	0	1			\$0	\$0	\$0		\$0		s			\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	0	0	0	1			\$0	\$0	\$0		\$0		s		FY16	\$0	
Low	0 MRSPP-3	Evaluation Pending	1 RA-0	+	0	0	0	0	0			\$0	\$0	\$0		\$0		_		FY11-Comp.		
Not Evaluated	0 MRSPP-4	No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0		s		FY11-Comp.		\$15
Not Required	0 MRSPP-5	No Longer Required			FY -			al RC: F	-		Total	\$0	\$214	\$0		\$0		s	_	FY11-Compl		\$15
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1 1 1 1 1	rinai KC	F1 -		MKS FIII	ai KC: F	1 2050		Total	<b>\$0</b>	9214	<b>\$0</b>	φ3	, 50	\$440	9	9403	T I II-Compi	cic	φισ
I	No IRP sites identified.	Total Micos								MMR	P Progress	MMDDCL										
in FY10										WINIK	in FY10:	RI/FS reco	nmended for	future.								
IRP Progress Planner for FY11-FY12									MMR		ss Planned Y11-FY12:	Initiate rem	edial investig	gation phase	work if fund	ing is availab	ole.					
101 1 111-1 112	•									101 1	111-1112.											
FORMERLY	USED DEFENSE SITE	S - CAMP WHEELER / GA	49799F <i>4</i> 7	700																		
TORIMERE				_	0	0		0	0			\$0	\$4,727	\$0	\$758	\$0	\$100	s	0 60	EX712	\$0	
	IRP Sites and MRSs by Cl	assification	Study	+		, i	1	0	0											FY13		
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0 \$0	\$0		\$0		S		FY14	\$0 \$0	
High	0 MRSPP-1 0 MRSPP-2	0 MRSPP-7 0 MRSPP-8	0 Design	_	0	0	1	0	0			\$0 \$0	\$5,756	\$0 \$0		\$0 \$0		\$			\$0	_
Medium	0 MRSPP-2 0 MRSPP-3		0 RA-C	+				_										\$				- 51
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-0	+	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0	\$		FY11-Comp.		Φ10
Not Evaluated Not Required	0 MRSPP-5	0 No Known/Suspected 0 No Longer Required	0 LTM		0	0	0	0	1		-	\$0	\$0	\$0		\$0		s s		FY11-Comp. FY11-Compl		\$18 \$18
	0 MRSPP-6		0 IRP	Final RC	FY -		MRS Fin	al RC: F	Y 2021		Total	\$0	\$10,483	\$0	\$838	\$0	\$194	\$	\$102	FY11-Compi	ete	\$18,
Total IRP Sites		0 Total MRSs	1																			
IRP Progres in FY10	No IRP sites identified.									MMR	P Progress in FY10:	RI/FS Field	work started	in Septemb	er 2010 when	workplan ap	oproved by re	egulators.				
IRP Progress Planne									MMR	P Progre	ss Planned	RI/FS schee	duled to be co	omplete in F	Y12.							
for FY11-FY12	:									for F	Y11-FY12:	Removal A Assess RI/I	ction in power S data to price	erline right o oritize futur	of way to be on the removal act	ompleted in ions.	FY11.					
_													-									
FORMERLY	USED DEFENSE SITE	S - THOMASVILLE B&G F	RANGE / C	3A49799	PF80620	0																
	IRP Sites and MRSs by Cl	assification	Study	0	0	0	1	0	0			\$0	\$222	\$0	\$0	\$0	\$0	\$	0 \$0	FY13	\$0	
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	S	0 \$0	FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$	0 \$0	FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$	0 \$0	FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	S	0 \$0	FY11-Comp.		
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	s	0 \$0	FY11-Comp.	MMRP	\$10
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP	Final RC	FY -		MRS Fin	al RC: F	Y 2047		Total	\$0	\$222	\$0	\$0	\$0	\$0	\$	0 \$0	FY11-Compl	ete	\$10
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
	No IRP sites identified.		_							MMR	P Progress	No progres	s reported.									
in FY10											in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	nonent Installatio	n / EEID / NDL on Duc	onegad N	DI / DI	DACV	700m / 1	DAD /	CTC D	olto f	mann E	W00*	7										
DoD Com	ponent - Installatio	n / FFID / NPL or Pro	oposea N							_		G4- T	1	FY10	E d	EX/11 E	4	EX/12	Planning	1		
			, n		npleted		lerway	Futi		T	Schedule act**	FY10	hrough (\$000)	r x 10 Obligate		FY11 Ex Planned			rianning ate (\$000)	Estim	ated Costs	(\$000)
			Pha	se IRP		Sites (A		IRP 1	MMRP				MMRP		MMRP	IRP 1				Fiscal Year	TDD	MADD
						Sites (A	(ctions)			IKP	MMRP	IKP	MMRP	IKP	WIWIRP	IRP	MMRP	IKP	WIWIRP	Fiscal Year	IRP	MMRP
<u>Guam</u>																						
NAVY - GU	AM NAVACTS / GU91	7002758300 / BRAC 1995 / I	RAB / C-TI	CH / C-1	EST																	
	IRP Sites and MRSs by	Classification	Stu	ly 27	1	2	3	3	0	FUND	FUND	\$19,882	\$133	\$225	\$0	\$622	\$0	\$0	0 \$0	FY13	\$1,397	
Response Complete	23 Response Complete	0	IR	0(0)	0(0)	0(0)	0(0)			FUND	FUND	\$29,792	\$0	\$0	\$0	\$0	\$0	\$0	0 \$0	FY14	\$912	\$3
High	0 MRSPP-1	0 MRSPP-7	0 Desi	<b>gn</b> 0	0	0	0	0	0	FUND	FUND	\$1,261	\$0	\$0	\$0	\$0	\$0			FY15	\$1,052	\$3,2
Medium	1 MRSPP-2	0 MRSPP-8	0 RA		0	0	0	0	0	FUND	FUND	\$1,635	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$463	\$4
Low	1 MRSPP-3	0 Evaluation Pending	4 RA	O 0	0	0	0	0	0			\$172	\$0	\$0	\$0	\$706	\$0	\$0		FY11-Com		\$20,1
Not Evaluated	3 MRSPP-4	0 No Known/Suspected	0 LT	<b>I</b> 0	0	0	0	0	0			\$3,045	\$0	\$492	\$0	\$1,541	\$0	\$1,715	5 \$0	FY11-Com	p. MMRP	\$10,2
Not Required	4 MRSPP-5	No Longer Required	0 IR	Final RC	: FY 202	20	MRS Fina	al RC: FY	2028		Total	\$55,787	\$133	\$717	\$0	\$2,869	\$0	\$1,715	5 \$0	FY11-Com	plete	\$30,3
Total IRP Sites	32 MRSPP-6	0 Total MRSs	4 Fiv	e-Year Rev	iew Under	way and	Planned fo	r Future														
IRP Progres in FY10 IRP Progress Planne for FY11-FY1	ed Refer to Page F-83.								MMRI	P Progre	P Progress in FY10: as Planned 711-FY12:											
NAVY - GU		58500 / BRAC 1995 / RAB /																				
	IRP Sites and MRSs by	Classification	Stu	•	0	1	0	0	0	REG		\$9,134	\$0	\$214	\$0	\$1,075	\$0	\$(		FY13	\$2,513	
Response Complete	10 Response Complete	0	IR		0(0)	0(0)	0(0)			REG		\$4,240	\$0	\$0	\$0	\$0	\$0				\$4,091	
High	0 MRSPP-1	0 MRSPP-7	0 Desi	-	0	0	0	0	0	REG		\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$4,463	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA		0	0	0	0	0	REG		\$0	\$0	\$0	\$0	\$0	\$0				\$9,398	
Low	1 MRSPP-3	0 Evaluation Pending	0 RA	_	0	0	0	0	0	-		\$0	\$0	\$0	\$0	\$0	\$0					\$23,4
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LT		0	0	0	0	0			\$73	\$0	\$28	\$0	\$28	\$0			<u> </u>		
Not Required	1 MRSPP-5	0 No Longer Required		P Final RC				al RC: FY	-		Total	\$13,447	\$0	\$242	\$0	\$1,103	\$0	\$1,149	9 \$0	FY11-Com	plete	\$23,4
Total IRP Sites	12 MRSPP-6	0 Total MRSs	0 Fiv	e-Year Rev	iew Planne	ed for Fut	ure															
IRP Progres in FY10 IRP Progress Planno for FY11-FY10	ed Refer to Page F-83.								MMRI	P Progre	P Progress in FY10: ss Planned /11-FY12:											
NAVY - NS	A ANDERSEN GUAM /	GU917309951900 / NPL / R	RAB																			
	IRP Sites and MRSs by	Classification	Stu	<b>ly</b> 71	8	19	8	0	0			\$66,134	\$354	\$209	\$74	\$961	\$180	\$0	0 \$1,033	FY13	\$4,935	\$1,
Response Complete	0 Response Complete	0	IR	2(2)	0(0)	1(1)	0(0)					\$22,599	\$0	\$173	\$0	\$93	\$820	\$95	5 \$539	FY14	\$1,954	\$
High	0 MRSPP-1	0 MRSPP-7	0 Desi	<b>gn</b> 0	0	0	0	1	4			\$980	\$0	\$350	\$0	\$0	\$0	\$142	2 \$0	FY15	\$1,937	S
Medium	4 MRSPP-2	0 MRSPP-8	0 RA	C 0	0	11	0	10	8			\$34,335	\$0	\$4,633	\$0	\$2,101	\$0	\$6,509	9 \$0	FY16	\$1,625	\$1,4
Low	22 MRSPP-3	0 Evaluation Pending	16 RA	O 0	0	0	0	3	0			\$0	\$0	\$0	\$0	\$0	\$0	so	0 \$0	FY11-Com	p. IRP	\$57,7
Not Evaluated	11 MRSPP-4	0 No Known/Suspected	0 LT	<b>M</b> 0	0	7	0	6	6			\$5,270	\$0	\$1,172	\$0	\$1,364	\$0	\$1,233	3 \$0	FY11-Com	p. MMRP	\$31,
Not Required	53 MRSPP-5	0 No Longer Required	0 IR	Final RC	: FY 202	22	MRS Fina	al RC: FY	2024		Total	\$129,318	\$354	\$6,537	\$74	\$4,519	\$1,000	\$7,979	\$1,572	FY11-Com	plete	\$88,7
Total IRP Sites	90 MRSPP-6	0 Total MRSs	16																			
in FY1									MMRI		P Progress in FY10:											
for FY11-FY1	2:	NDERSEN GUAM / GU917309951900 / NPL / RAB   IRP Sites and MRSs by Classification   Study   71   8   19   8   0   0																				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Cor	npon	ent - Installatio	on / Fl	FID / NPL or Prop	oseo	l NPI	/ BR	AC Y	ear / l	RAB / G	CTC D	elta f	rom F	Y09*											
						1		pleted		erway	Fut		FY10 S	Schedule			-					Planning	E-4i	. 1 C4-	(4000)
						Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	ite (\$000)	Estima	ited Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Guam																									
	LY US	SED DEFENSE SIT	TES - A	REA 106 / GM99799F9	8490	0																			
_		RP Sites and MRSs by				Study	0	0	0	1	0	0			\$0	\$147	\$0	\$0	\$0	\$0	\$(	\$0	FY13	\$0	\$
Response Complete		0 Response Complete		I I I I I I I I I I I I I I I I I I I		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0				FY14	\$0	\$
High		0 MRSPP-1		MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	SC		FY15	\$0	\$(
Medium		0 MRSPP-2	1	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low		0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$
Not Evaluated		0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$C	\$0	FY11-Comp	. MMRP	\$24,25
Not Required		0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	l RC: FY	2074	•	Total	\$0	\$147	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$24,25
Total IRP Sites		0 MRSPP-6	0	Total MRSs	1																			•	
IRP Progr in FY IRP Progress Plant for FY11-FY	10: ned No	IRP sites identified.  IRP sites identified.							MMRI	Progres	Progress in FY10: s Planned 11-FY12:	No projects			Y10. next fiscal ye	ars.									
FORMER	LY US	SED DEFENSE SIT	ΓES - A	REA 108 / GM99799F9																					
1011		RP Sites and MRSs by			0		0	0	1		\$0	\$152	\$0	\$0	\$0	\$0	so	so so	FY13	\$0	S				
Response Complete	11			ation	0(0)	0(0)	, ,	Ü			\$0	\$132	\$0		\$0				FY14	\$0	S				
High		0 Response Complete 0 MRSPP-1	0	MRSPP-7	0(0)	0(0)	0(0)	0	1			\$0	\$0	\$0		\$0				FY14 FY15	\$0 \$0	\$			
Medium		0 MRSPP-2	0	MRSPP-8	0	0	1			\$0	\$0	\$0		\$0					\$0	\$					
Low		0 MRSPP-3	0	Evaluation Pending	0	0	0			\$0	\$0	\$0		\$0				FY11-Comp		9					
Not Evaluated		0 MRSPP-4	0	No Known/Suspected	RA-O LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0				FY11-Comp		\$29,4	
Not Required		0 MRSPP-5	0	No Longer Required	0		nal RC:			MRS Fina				Total	\$0	\$152	\$0	\$0	\$0		\$0		FY11-Comp		\$29,47
Total IRP Sites		0 MRSPP-6	0	Total MRSs	1	IKI I-I	nai KC.	Fi -		MIKS rine	II KU. FI	4000		1 trai	Ψυ	φισε	ψ·	φυ	ψο	ψv	4.	φυ	I I I I Comp	iete	Ψ=-,
	10: ned No	IRP sites identified.										MMRI	Progres	Progress in FY10: s Planned 11-FY12:				Y10. next two fisca	al years.						
FORMER				ASCADA COUNTRY O	CLU		99 <b>7</b> 99F	1	_			1								1					
	II	RP Sites and MRSs by	Classific	ation		Study	0	0	0	1	0	0			\$0	\$159	\$0		\$0		_		FY13	\$0	
Response Complete		0 Response Complete				IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0		_		FY14	\$0	
High		0 MRSPP-1	0	MRSPP-7	$\overline{}$	Design	0	0	0	0	0	1			\$0	\$0			\$0				FY15	\$0	
Medium		0 MRSPP-2	1	MRSPP-8	$\overline{}$	RA-C	0	0	0	0	0	1			\$0	\$0	_		\$0		_		FY16	\$0	
Low		0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0			\$0				FY11-Comp		
Not Evaluated		0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0			\$0				FY11-Comp		\$13,2
Not Required		0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	d RC: FY	2074		Total	\$0	\$159	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$13,
Total IRP Sites		0 MRSPP-6	0	Total MRSs	1																				
IRP Progr in FY IRP Progress Plant for FY11-FY	10: ned No	IRP sites identified.  IRP sites identified.										MMRI	Progres	Progress in FY10: s Planned 11-FY12:	No projects			next two fisca	al years.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	pone	nt - Installation	/ FF	TID / NPL or Propos	sed NI	PL/	BRA	AC Y	ear / F	RAB / (	CTC D	elta f													
							Comp	leted	Unde	erway	Fut	ure				hrough	FY10		FY11 Ex				Ectiv	nated Costs	(\$000)
					Phase	e II	RP N	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planned	(\$000)	Estima	te (\$000)	ESui	nateu Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP I	MMRP	IRP	MMRP	Fiscal Yea	r IRP	MMRP
Guam																									
FORMERL	Y US	ED DEFENSE SITES	S - GI	UAM SITE 1 / GM997991	F374400	)																			
	IR	P Sites and MRSs by Cla	ssifica	tion	Study	y	0	0	0	1	0	0			\$0	\$198	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0	Response Complete	0		IRA		0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0 Desig	n	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0	MRSPP-2	1	MRSPP-8	0 RA-0	C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0 RA-0	)	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Con	ıp. IRP	\$(
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Con	ıp. MMRP	\$11,35				
Not Required	0	MRSPP-5	0	No Longer Required	MRS Fina	l RC: FY	2073		Total	\$0	\$198	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Con	ıplete	\$11,35					
Total IRP Sites	0	MRSPP-6	0	Total MRSs						•			•		•				•						
	red 0 MRSPP-5 0 No Longer Required 0 IRP Final RC: FY - MRS Final RC: FY 2  Sites 0 MRSPP-6 0 Total MRSs 1  IRP Progress No IRP sites identified. in FY10:  gress Planned No IRP sites identified.															are being pr	ogrammed fo	or the next two	o fiscal years.						
FORMERL	Y US	ED DEFENSE SITES	S - L(	ONFIT PLANNING PRO	JECT	GM:	99799	F98520	00 / C-T	ЕСН		·										<u></u>			
,	IR	P Sites and MRSs by Cla	ssifica	ition	Study	y	1	0	0	1	0	0			\$303	\$149	\$47	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0	Response Complete	0		IRA	. (	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0	MRSPP-1	0	MRSPP-7	0 Desig	n	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$29	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0	MRSPP-2	1	MRSPP-8	0 RA-0	2	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$627	\$0	\$0	\$0	FY16	\$0	\$0
Low	0	MRSPP-3	0	Evaluation Pending	0 RA-0	)	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Con	ıp. IRP	\$95'
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0 LTM	1	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Con	ip. MMRP	\$20,28
Not Required	1	MRSPP-5	0	No Longer Required	0 IRP	Final	RC: 1	FY 2019	9 ]	MRS Fina	l RC: FY	2072		Total	\$303	\$149	\$47	\$0	\$656	\$0	\$0	\$0	FY11-Con	ıplete	\$21,24
Total IRP Sites	1	MRSPP-6	0	Total MRSs	1														•	•					
in FY1	0:	nase completed in FY10.		ned for the next two fiscal years.										Progress in FY10:		. 0									

IRP Progress Planned A RD and RmA-C phase is being programmed for the next two fiscal years for FY11-FY12:

MMRP Progress Planned No projects are programmed for the next two fiscal years for FY11-FY12:

 $\hbox{*CTC Delta Reason: $C$-TECH-Technical Issues, $C$-REG-Regulatory Issues, $C$-EST-Estimating $C$-riteriangle and $C$-riteri$ 

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

D. D. C	4 T 4 H 4	/ EEID / NDI D	LAID				D A D /	OTO D	14 6		T700*	<del>-</del>										
DoD Com	ponent - Installation	n / FFID / NPL or Prop	osed NPI							_		G4-7	DI	EX/10	F J.	EX/11 E		EX/12	DI			
					pleted		erway	Futu		Imr	Schedule pact**	FY10	Through (\$000)		Funds ed (\$000)		xecution d (\$000)		Planning ate (\$000)	Estin	nated Costs	(\$000)
			Phase	IRP		IRP Sites (A		IRP N	MMRP								. ,		. ,	, , , , ,		) (1) (D)
						Slies (A	.ctions,			IKP	MMRP	IKP	MMRP	IKP	MMRP	IKP	MMRP	IKr	MMRP	Fiscal Year	r IKP	MMRP
<u>Hawaii</u>																						
ARMY - M	AKUA MILITARY RES	SERVATION / HI92145222270	)0 <u>/ C-TEC</u> I	.I																		
	IRP Sites and MRSs by C	Classification	Study	4	2	0	2	0	0			\$0	\$2,727	\$0	\$13	\$0	\$802	\$	0 \$0	FY13	\$0	\$1
Response Complete	4 Response Complete	2	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$			\$0	\$13,3
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	2			\$0		\$0	\$0	\$0		\$			\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	2			\$0		\$0	\$0	\$0		\$		FY16	\$0	
Low	0 MRSPP-3	2 Evaluation Pending	0 RA-O	0	0	0	0	0	0			\$0		\$0	\$0	\$0	\$0	\$		FY11-Com	_	
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	2			\$0	-	\$0	\$0	\$0	\$0	\$		FY11-Com		
Not Required	0 MRSPP-5	0 No Longer Required	2 IRP F	inal RC:	FY 199	0 !	MRS Fina	al RC: FY	2017		Total	\$0	\$2,727	\$0	\$13	\$0	\$802	\$	0 \$0	FY11-Com	ıplete	\$14,6
Total IRP Sites	4 MRSPP-6	0 Total MRSs	4 Five-Y	ear Revie	ew Planne	d for Futu	ure															
in FY1											P Progress in FY10:											
IRP Progress Plann for FY11-FY1	ed No actions planned. 2:								MMRF	P Progres	ss Planned Y11-FY12:	A feasibilit	y study (FS) i	s scheduled	to begin in F	Y12; a MEC	removal is e	expected to	follow within the	the next two fiscal	years.	
ARMY - PO	OHAKULOA TRAINING	G AREA / HI921452223400 / C	C-EST																			
	IRP Sites and MRSs by C	Classification	Study	18	2	0	3	0	0			\$986	\$5,902	\$0	\$2,057	\$0	\$0	\$	0 \$0	FY13	\$81	
Response Complete	18 Response Complete	2	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$	50 \$0	FY14	\$24	\$1,3
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	2	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$	50 \$0	FY15	\$26	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	2	0	0	0	0	3			\$7	\$0	\$0	\$0	\$0	\$7,905	\$	50 \$0	FY16	\$52	\$6,7
Low	0 MRSPP-3	Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$		FY11-Com		\$6
Not Evaluated	0 MRSPP-4	1 No Known/Suspected	0 LTM	0	0	2	0	0	1			\$715	\$0	\$73	\$0	\$38	\$0	\$25			_	
Not Required	0 MRSPP-5	1 No Longer Required	2 IRP F	inal RC:	FY 199	8 1	MRS Fina	al RC: FY	2027		Total	\$1,708	\$5,902	\$73	\$2,057	\$38	\$7,905	\$25	4 \$0	FY11-Com	ıplete	\$278,2
Total IRP Sites	18 MRSPP-6	0 Total MRSs	5 Five-Y	ear Revie	ew Planne	d for Futi	ure															
IRP Progres in FY1  IRP Progress Plann for FY11-FY1	ned No actions planned.								MMRI	P Progres	in FY10:	separate PE	BA contract, w	hich was av	warded in Ma	rch 2010.				ccember 2009 and		
ARMY - SO	CHOFIELD BARRACKS	S / HI921452223900 / C-TECH	1																			
	IRP Sites and MRSs by C	Classification	Study	135	9	5	5	0	0			\$22,159	\$2,694	\$2,047	\$97	\$0	\$1,368	\$	\$0	FY13	\$812	\$4,
Response Complete	135 Response Complete	9	IRA	5(5)	2(2)	3(3)	0(0)					\$3,009	\$118	\$0	\$0	\$52	\$0	\$	50 \$0	FY14	\$835	\$
High	0 MRSPP-1	0 MRSPP-7	2 Design	1	0	0	1	0	3			\$225	\$0	\$0	\$0	\$0	\$0	\$	886	FY15	\$728	\$
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	12	0	0	1	0	3			\$10,980	\$0	\$0	\$0	\$0	\$0	\$	50 \$0	FY16	\$990	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	1	0	0			\$245	\$0	\$0	\$0	\$0	\$0	\$	50 \$0	FY11-Com		\$6,2
Not Evaluated	5 MRSPP-4	1 No Known/Suspected	0 LTM	0	0	2	0	1	4			\$11,809	\$0	\$3,940	\$0	\$915	\$0	\$81	0 \$0	FY11-Com	ıp. MMRP	\$6,
Not Required	0 MRSPP-5	1 No Longer Required	9 IRP F	inal RC:	FY 201	.2	MRS Fina	al RC: FY	2015		Total	\$48,427	\$2,812	\$5,987	\$97	\$967	\$1,368	\$81	0 \$86	FY11-Com	ıplete	\$12,
Total IRP Sites	140 MRSPP-6	1 Total MRSs	14 Five-Y	ear Revie	ew Compl	eted and !	Planned fo	or Future														
in FY1									MMBI		in FY10:	SCHBR-01	13-R-01.	(RI) is unde	erway at sites	SCHBR-00	4-R-01, SCH	BR-008-R-	01, SCHBR-01	10-R-01, SCHBR-	012-R-01, and	
IRP Progress Plann for FY11-FY1	No actions planned.								WIWIKI		ss Planned Y11-FY12:	i ne KI will	continue.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

	is of installations													$\overline{}$										
DoD Comp	onent - Installation	n / FI	FID / NPL or Pr	opose	d NPL							,		la . #		T77.10		F3774.4 F3		T T T T T T T T T T T T T T T T T T T	D1 1	1		
							pleted		lerway		ture	T	Schedule act**		hrough (\$000)		Funds ed (\$000)	FY11 Ex Planned			Planning ite (\$000)	Estima	ted Costs	(\$000)
					Phase	IRP			MMRP	IRP	MMRP	1 1							. ,					. ,
								Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Hawaii																								
ARMY - WA	IKAKALAUA AMMO	STOR	AGE TUNNELS / F	HI92145	2224500	0																		
_	IRP Sites and MRSs by C	lassific	ation		Study	0	1	0	2	0	0			\$0	\$2,064	\$0	\$100	\$0	\$802	\$0	\$0	FY13	\$0	\$52
Response Complete	0 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	SC	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	\$20,74
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0 MRSPP-3	2	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	so		FY11-Comp	. IRP	\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	so	_	FY11-Comp		\$21,98
Not Required	0 MRSPP-5	0	No Longer Required	1		nal RC:	FY -		MRS Fin	al RC: F	Y 2018		Total	\$0	\$2,064	\$0	\$100	\$0	\$802	\$0		FY11-Comp		\$21,98
Total IRP Sites	0 MRSPP-6	0	Total MRSs	3																				
IRP Progress in FY10	No IRP sites identified.											MMRI	Progress in FY10:	An RI was	awarded in F	Y08 and is t	inderway.							
IRP Progress Planned for FY11-FY12											MMRI	P Progres for FY	ss Planned /11-FY12:	A feasibilit	y study (FS)	will follow t	he RI in FY1	1.						
NAVY - BAI	KING SANDS PMRF /	HI917	7002471900 / RAB /	C-TEC	Н																			
_	IRP Sites and MRSs by C	lassific	ation		Study	4	1	1	0	0	0			\$6,167	\$178	\$12	\$0	\$1,815	\$0	\$1,823	\$0	FY13	\$6,716	\$(
Response Complete	4 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	SC	\$0	FY14	\$3,368	\$(
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	so		FY15	\$8,569	\$
Medium	0 MRSPP-2	0	MRSPP-8	1	RA-C	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$275	\$
Low	1 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	so		FY11-Comp	. IRP	\$28,91
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	so		FY11-Comp		9
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	23	MRS Fin	al RC: F	Y 2010		Total	\$6,167	\$178	\$12	\$0	\$1,815	\$0	\$1,823	\$0	FY11-Comp	lete	\$28,91
Total IRP Sites	5 MRSPP-6	0	Total MRSs	1			ew Planne																	
IRP Progress in FY10	FY09: SI WP for Pipeline/Defuel	ling Pit st	arted. ECD for SI WP is 1/20	10. (PMRF	Site 5)							MMRI	Progress in FY10:	FY09: UX	O 001: Draft	SI Report co	ompleted 1/20	009. Report re	ecommends	NFA.				
IRP Progress Planned for FY11-FY12	FY10: Begin SI field work for Pi FY11: Complete SI for Pipeline/I	•	· ·								MMRI		s Planned 711-FY12:					r from the Hav	-					
NAVY - KA	NEOHE BAY MCB / HI	91730	2276200 / RAB																					
1	IRP Sites and MRSs by C	lassific	ation		Study	13	3	13	3	0	0	FUND	FUND	\$6,948	\$4,157	\$2,521	\$1,326	\$1,423	\$28	\$3,238	\$320	FY13	\$5,083	\$1,66
Response Complete	3 Response Complete	3			IRA	0(0)	0(0)	0(0)	0(0)			FUND	FUND	\$218	\$0	\$0	\$0	\$0	\$0	\$3,488	\$0	FY14	\$3,040	\$4,88
High	1 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2	1	FUND	FUND	\$0	\$0	\$0	\$0	\$0	\$314	\$196	\$0	FY15	\$1,067	\$2,72
Medium	2 MRSPP-2	0	MRSPP-8	3	RA-C	0	0	0	0	2	1	FUND	FUND	\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$0	FY16	\$1,084	\$
Low	10 MRSPP-3	1	Evaluation Pending	1	RA-O	0	0	9	0	2	0			\$340	\$0	\$340	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$30,27
Not Evaluated	0 MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	7	1			\$84	\$0	\$0	\$0	\$0	\$0	\$113	\$0	FY11-Comp	. MMRP	\$20,07
Not Required	10 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	.7	MRS Fin	al RC: F	Y 2027	-	Total	\$7,590	\$4,157	\$2,861	\$1,326	\$1,423	\$342	\$7,035	\$320	FY11-Comp	lete	\$50,35
Total IRP Sites	26 MRSPP-6	0	Total MRSs	6			ew Planne															· · · · ·		
	MCBH: Site 21: Submitted final MCTAB (Bellows) :No work per		and draft EHE/EHMP reques	sting condit	ional NFA.	Site 4: Su	ıbmitted Fir	nal WP for	extended SI	(ESI).		MMRI	Progress in FY10:	Continued	UXO 01-05 a	and 22 SI fie	ld work.							
	MCBH: FY10: Site 21: Obtain N				ed ESI plng	docs & In	nplement. P	rep ESI re	port. Sites		MMRI		s Planned		O 01 to 05 aı	nd 22: Finali	ze SI report a	nd initiate RI.	FY10: Co	ntinued UX	O 01 to 05 and	1 22 RI.		

for FY11-FY12: 6,7,8,9,11,13,14,15,16,20 cmplt SI. Site 12: Prepare planning does for RI. MCTAB (Bellows): No work currently planned.

for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-6 Sta	tus of	'Installation	s witl	1 FY11 to Co	mplet	tion C	ost E	stima	te Gı	eater	Than	\$10,0	00,00	0							Defe	nse Envir	onmental Re	storation	Program
DoD Com	nonen	nt - Installatio	n / FF	ID / NPL or Pi	ronose	d NPI	/ BR	AC Y	ear / 1	RAB/(	CTC D	)elta fi	rom F	Y09*	7										
202 001	ропси	it instantion	11 / 11	12 / 1 (1 1 01 1 1	оровс			pleted		erway	Fut			chedule	Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
						Phase				MMRP			Imp	act**	FY10 (	\$000)	Obligate	d (\$000)	Planne	1 (\$000)	Estima	te (\$000)	Estimat	ted Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Hawaii																									
$\overline{}$	TAT TIAT	LELNAVMAC / I	LIT0170	)2227100 / RAB / C	TECU	ı																			
NAVITE		Sites and MRSs by (			-IECI	Study	17	2.	9	9	0	1	FUND	FUND	\$14,236	\$1,234	\$4,965	\$0	\$4,856	\$1,204	\$311	\$3,619	FY13	\$8,666	\$1,822
Response Complete		Response Complete	lassinca	tion		IRA	11(11)	1(1)	1(1)	0(0)	0	1	TOND	TOND	\$8,484	\$881	\$4,903	\$0	\$336	\$1,204	\$0		FY14	\$11,062	\$293
High		MRSPP-1	0	MRSPP-7	1	Design	1	0	0	0	7	4	REG	REG	\$0	\$0	\$0	\$0	\$0	\$0	\$81		FY15	\$814	\$4,660
Medium		MRSPP-2	$\overline{}$	MRSPP-8	1	RA-C	0	0	0	0	7	4			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$5,287	\$5,189
Low		MRSPP-3	0	Evaluation Pending	5	RA-O	3	0	4	0	7	3			\$1,602	\$0	\$572	\$0	\$982	\$0	\$201		FY11-Comp.	IRP	\$47,663
Not Evaluated	0 N	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	3	0	4	2			\$2,124	\$0	\$397	\$0	\$538	\$0	\$547	\$0	FY11-Comp.		\$39,863
Not Required	5 N	MRSPP-5	1	No Longer Required	1	IRP F	inal RC:	FY 202	3	MRS Fina	l RC: FY	Y 2025		Total	\$26,446	\$2,115	\$5,934	\$0	\$6,712	\$1,204	\$1,140	\$3,619	FY11-Comple	ete	\$87,526
Total IRP Sites	26 N	MRSPP-6	3	Total MRSs	12	Five-Y	ear Revie	ew Planne	d for Fut	ure							•						_		
				work plans. Sites 04,21,22,					e 15 B66 E	EE/CA AM R	VR DD						ence for UXO								
in FY	10: Comp.	Site 15 B21 EE/CA AM	Comp. Site	e 17 SRP Comp. Sites 19 W	orked on L	UC ROD fo	or transforn	ners.						in FY10:	UXO 1, 2, 3 Based on SI	, 5, 7, 9, 10, , added UX	, and 11- cond O 17 and 18	lucted SI fiel	ld work and s	ubmitted dra	ift SI report				
IDP Progress Plans	ned such	Complete DD in EVIO. S	Uann 2 Ini	tiate RI. Sites 04,21,22,23,2	4.25.27 C	and at DI G		d initiata Di	C	t 10 C	lata LUC	MMPE	Progress	Plannad	HVO L 2 2	5 7 0 10	, 11, 17, 18 -fi								
		or transformers. UXO 4,7		nate R1. Sites 04,21,22,23,2	4,25,27- C	onduct KI II	eidwork ar	id initiate K	report. S	ites 19-Comp	nete LUC	MINIKI		11-FY12:	UXO 1, 2, 3	, 5, 7, 9, 10,	, 11, 17, 18 -n	nanze Si rej	юп						
NAVY - PE	EARL H	ARBOR NS / HIS	9170024	34100 / NPL / RAE	3 / C-TE	ECH																			
,	IRP	Sites and MRSs by (	Classifica	tion		Study	19	1	7	1	9	0	FUND	FUND	\$34,897	\$543	\$1,709	\$543	\$4,524	\$0	\$2,320	\$0	FY13	\$8,748	\$254
Response Complete	15 <b>I</b>	Response Complete	0			IRA	13(13)	1(1)	1(1)	0(0)			REG	REG	\$29,795	\$0	\$670	\$0	\$0	\$0	\$0	\$0	FY14	\$20,200	\$798
High	2 N	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	10	0	REG	REG	\$129	\$0	\$0	\$0	\$0	\$0	\$2,794	\$0	FY15	\$9,520	\$29
Medium	3 N	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	0	10	1	REG	REG	\$3,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$12,045	\$252
Low	4 N	MRSPP-3	0	Evaluation Pending	2	RA-O	9	0	2	0	11	0			\$1,054	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$78,206
Not Evaluated	7 N	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	1	14	1			\$1,779	\$1,343	\$349	\$0	\$279	\$63	\$245	\$0	FY11-Comp.	MMRP	\$9,416
Not Required	4 N	MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 202	4	MRS Fina	l RC: FY	Y 2027		Total	\$71,624	\$1,886	\$2,728	\$543	\$4,803	\$63	\$5,359	\$0	FY11-Comple	ete	\$87,622
Total IRP Sites	35 N	MRSPP-6	0	Total MRSs	2	Five-Y	ear Revie	ew Planne	d for Fut	ure															
IRP Progr		o Page F-148.													Refer to Pag	ge F-148.									
in FY	10:													in FY10:											
IRP Progress Plann	ned Refer to	o Page F-148										MMRF	Progress	s Planned	Refer to Pag	e F-148									
for FY11-FY														11-FY12:											
NAVY - PE	EARL H	ARBOR NSY / H	1917002	2433900 / NPL / RA	AB																				
	IRP	Sites and MRSs by (	Classifica	tion		Study	19	0	6	0	1	0	FUND		\$8,827	\$0	\$699	\$0	\$2,848	\$0	\$2,138	\$0	FY13	\$1,554	\$0
Response Complete	14 <b>I</b>	Response Complete	0			IRA	6(10)	0(0)	0(0)	0(0)			REG		\$14,725	\$0	\$0	\$0	\$0	\$0	\$220	\$0	FY14	\$948	\$0
High	1 N	MRSPP-1	-	MRSPP-7	0	Design	0	0	0	0	4	0	TECH		\$346	\$0	\$0	\$0	\$0	\$0	\$35	\$0	FY15	\$2,576	\$0
Medium		MRSPP-2		MRSPP-8	0	RA-C	0	0	0	0	4	0	REG		\$498	\$0	\$0	\$0	\$0	\$0	\$344	\$0	FY16	\$811	\$0
Low	_	MRSPP-3	_	Evaluation Pending	0	RA-O	1	0	4	0	4	0			\$3,236	\$0	\$520	\$0	\$64	\$0	\$257	\$0	FY11-Comp.		\$17,446
Not Evaluated		MRSPP-4		No Known/Suspected	0	LTM	0	0	0	0	6	0			\$61	\$0	\$6	\$0	\$0	\$0	\$0		FY11-Comp.		\$0
Not Required		MRSPP-5		No Longer Required	0	1		FY 203		MRS Fina	l RC: FY	Y -		Total	\$27,693	\$0	\$1,225	\$0	\$2,912	\$0	\$2,994	\$0	FY11-Comple	ete	\$17,446
Total IRP Sites	26 N	MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	ew Planne	d for Fut	ure															
IRP Prograin FY		o Page F-148.												Progress in FY10:	No MMRP s	sites identifi	ied.								

MMRP Progress Planned No MMRP sites identified. for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned Refer to Page F-148. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Compo	nent - Installation	n / FI	FID / NPL or Pr	opose	ed NPI	. / BR	AC Y	ear / F	RAB / G	CTC D	elta f	rom F	Y09*											
							pleted		erway	Fut	-		chedule act**	Costs Tl FY10 (		FY10 l Obligate					Planning ite (\$000)	Estima	ted Costs	(\$000)
					Phase	IRP			MMRP	IRP 1	MMRP			,										(ψοσο)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Hawaii																								
NAVY - PEAR	L HARBOR PWC / F	H19170	02433400 / NPL / RA	AB / C-	ТЕСН																			
	IRP Sites and MRSs by C	ation	0	1	0	FUND		\$16,360	\$0	\$609	\$0	\$4,576	\$0	\$268	\$0	FY13	\$1,499							
Response Complete	9 Response Complete			FUND		\$32,173	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$282									
High	1 MRSPP-1		MRSPP-7	0	Design	1	0	0	0	3	0	FUND		\$194	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$23,368	
Medium	4 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	2	0	4	0	FUND		\$5,064	\$0	\$767	\$0	\$0	\$0	\$0	\$0	FY16	\$8,818	
Low	2 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$61,
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	5	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
Not Required		0	No Longer Required	0	IRP Fi	nal RC:	FY 202	1	MRS Fina	ıl RC: FY	<i>'</i> -		Total	\$53,791	\$0	\$1,376	\$0	\$4,576	\$0	\$268	\$0	FY11-Comp	lete	\$61,
Total IRP Sites	17 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	w Planne	d for Futu	ire															
in FY10:	IRP Sites   17   MRSPP-6   0   Total MRSS   0   Five-Year Review Planned for Future     IRP Progress Refer to Page F-148.																							
NAVY - WAH	IAWA NCTAMS EAS																							
<u> </u>	IRP Sites and MRSs by C	0	REG		\$14,280	\$0	\$3,142	\$0	\$2,354	\$0	\$330	\$0	FY13	\$2,649										
Response Complete			0(0)										\$0			ļ	\$6,546							
High		0	MRSPP-7	0			- ` `	- 17		4	0			,										
Medium	10 MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	0	7	0			\$1,121	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$1,975	
Low	1 MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	1	0	4	0			\$163	\$0	\$0	\$0	\$47	\$0	\$0		FY11-Comp	. IRP	\$22,
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	2	0	4	0			\$166	\$0	\$122	\$0	\$13	\$0	\$13		FY11-Comp		
Not Required	5 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	7 1	MRS Fina	IRC: FY	7 -		Total	\$31,011	\$0	\$3,264	\$0	\$2,414	\$0	\$343	\$ \$0	FY11-Comp	lete	\$22,
Total IRP Sites	30 MRSPP-6	0	Total MRSs	0	-			d for Futu																
IRP Progress Fin FY10:  IRP Progress Planned For FY11-FY12:					_						MMRI	Progress	in FY10:	No MMRP s										
AIR FORCE -	HICKAM AIR FOR	CE BA	SE / HI95730287220	00 / BR	AC 2005	Realig	nment	/ RAB /	C-EST															
	IRP Sites and MRSs by C	Classific	ation		Study	53	12	7	5	6	0			\$44,800	\$2,483	\$2,836	\$2,204	\$0	\$0	\$0	\$354	FY13	\$796	
Response Complete	39 Response Complete	12			IRA	33(46)	0(0)	1(1)	0(0)					\$45,214	\$0	\$125	\$0	\$0	\$0	\$0	\$0	FY14	\$1,530	
High	0 MRSPP-1		MRSPP-7	0	Design	7	0	0	0	0	0			\$100	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$1,684	5
Medium	2 MRSPP-2		MRSPP-8	0		12	0	1	0	0	5			\$13,080	\$0	\$1,986	\$0	\$0	\$0	\$0		FY16	\$1,690	
	11 MRSPP-3	0	Evaluation Pending	5	RA-O	1	0	3	0	11	0	<u> </u>		\$5,952	\$0	\$1,379	\$0	\$2,034	\$0	\$1,803		FY11-Comp		\$41
Not Evaluated	7 MRSPP-4	0	No Known/Suspected	0		3	0	5	0	5	5			\$1,945	\$0	\$463	\$0	\$339	\$0	\$0		FY11-Comp		5
Not Required	7 MRSPP-5	0	No Longer Required	12		nal RC:	FY 204	1 1	MRS Fina	al RC: FY	2014		Total	\$111,091	\$2,483	\$6,789	\$2,204	\$2,373	\$0	\$1,803	\$354	FY11-Comp	lete	\$42
IRP Progress I in FY10:	66 MRSPP-6 nitiated evaluations for OU3 - SS	0 S06 - LUC	Total MRSs  C/Groundwater, LUC evaluation	on at LF0				d for Futu groundwate					Progress in FY10:		he draft fina	l basewide C	SE Phase II	Report. All l	MMRP Sites	were scored	d under the Mi	RSPP requirement.	A basewide Rl	was awarded
IRP Progress Planned Tor FY11-FY12:	ransferred to Navy.										MMRI		Planned 11-FY12:	Complete th	e RI work so	coped and aw	arded in FY	10. Any follo	ow-on work w	vill be perfo	rmed by the N	avy.		

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Ins	tallatio	n / FF	ID / NPL or Pro	opose	ed NPI	/ BR	AC Y	ear / I	RAB / (	CTC D	elta f	rom F	Y09*	7										
					Î			pleted		erway	Futu		FY10 S	chedule	Costs Th		FY10					Planning	T. (1	. 10 .	(4000)
						Phase	IRP	MMRP	IRP	MMRP	IRP N	MMRP	Imp	act**	FY10 (\$	\$000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	ite (\$000)	Estima	ated Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Hawaii																									
	E - HICKAM F	POL / HIS	9573028	72300 / RAB / C-TE	ЕСН																				
<del></del>	IRP Sites and					Study	23	0	7	0	0	0			\$29,299	\$0	\$9,319	\$0	\$0	\$0	\$0	\$0	FY13	\$1,192	\$
Response Complete	21 Response		0	.1011		IRA	4(7)	0(0)	0(0)	0(0)	$\vdash$				\$9,532	\$0	\$0	\$0	\$0	\$0	4.		_	\$741	\$(
High	0 MRSPP-1		0	MRSPP-7	0	Design	0	0	0	0	5	0			\$0	\$0	\$0	\$0	\$0					\$612	\$
Medium	0 MRSPP-2		-	MRSPP-8	0	RA-C	0	0	0	0	6	0			\$219	\$0	\$0	\$0	\$0				FY16	\$588	\$
Low	7 MRSPP-3		0	Evaluation Pending	0	RA-O	0	0	1	0	8	0			\$655	\$0	\$0	\$0	\$0	\$0	\$374		FY11-Comp	. IRP	\$25,68
Not Evaluated	0 MRSPP-4		0	No Known/Suspected	0	LTM	0	0	0	0	6	0			\$0	\$0	\$0	\$0	\$356	\$0	\$0		FY11-Comp		\$
Not Required	2 MRSPP-5		0	No Longer Required	0		inal RC:	FY 2040	0	MRS Fina	al RC: FY	7 -		Total	\$39,705	\$0	\$9,319	\$0	\$356	\$0			FY11-Comp		\$25,68
Total IRP Sites	30 MRSPP-6		0	Total MRSs	0	-		w Planne																-	
IRP Progre in FY1 IRP Progress Plann for FY11-FY1	10:  ned Transferred to Navy		S, Main Pip	eline RI/FS, and ST01A Supp	olemental	Remedial Ir	ivestigation	ia.				MMRP	Progress	Progress 1 in FY10:											
FORMERI	LY USED DEFE	ENSE SIT	ES - BIO	G ISLAND BOMBI		10000									<del></del>	<del></del>									
<b>—</b>	IRP Sites and				Study	0	1	0	2	0	0			\$0	\$633	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$	
Response Complete	0 Response		1			IRA	0(0)	0(0)	0(0)	0(0)	$\vdash$				\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$0	\$
High	0 MRSPP-1		0	MRSPP-7	0	Design	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0				FY15	\$0	\$
Medium	0 MRSPP-2			MRSPP-8	0	RA-C	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0				FY16	\$0	\$
Low	o MRSPP-3		0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$
Not Evaluated	o MRSPP-4		1	No Known/Suspected	0	LTM	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0				FY11-Comp		\$11,71
Not Required	0 MRSPP-5		0	No Longer Required	1		inal RC:	FY -		MRS Fina	al RC: FY	7 2094		Total	\$0	\$633	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$11,71
Total IRP Sites	o MRSPP-6		1	Total MRSs	3			_																	
in FY1 IRP Progress Planne for FY11-FY1	ned No IRP sites identif	ified.				·						MMRP	P Progress	Progress in FY10: s Planned in 11-FY12:					l years.						
FORMERL	LY USED DEFE	NSE SIT	ES - CE	ENTER COMBAT R	RANG		799FA1																		
	IRP Sites and	MRSs by C	Classifica	tion		Study	0	0	0	1	0	0			\$0	\$161	\$0	\$161	\$0				FY13	\$0	:
Response Complete	0 Response		0			IRA	0(0)	0(0)	0(0)	0(0)	<u> </u>				\$0	\$0	\$0	\$0	\$0					\$0	:
High	0 MRSPP-1		-	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0				FY15	\$0	
Medium	0 MRSPP-2		_	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0				FY16	\$0	:
Low	0 MRSPP-3		_	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0				FY11-Comp		
Not Evaluated	0 MRSPP-4		_	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0				FY11-Comp		\$14,0
Not Required	0 MRSPP-5			No Longer Required	0	IRP Fi	inal RC:	FY -	1	MRS Fina	ıl RC: FY	Z 2094		Total	\$0	\$161	\$0	\$161	\$0	\$50	\$0	\$0	FY11-Comp	lete	\$14,0
Total IRP Sites	0 MRSPP-6		0	Total MRSs	1																				
IRP Progres in FY1  IRP Progress Planne for FY11-FY1	ned No IRP sites identif											MMRF	P Progress	Progress in FY10: s Planned 11-FY12:				pleted within	the next two	o fiscal years	i.				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installatio	n / FFID / NPL or Pro	posed N	VPL / B	RAC Y	ear / l	RAB / (	CTC D	elta f	rom F	Y09*	7										
	<u> </u>		1		npleted		lerway	Fut		FY10 S	Schedule	Costs Tl			Funds				Planning	P. (1	. 10 .	(4000)
			Pha	ise IRP	MMRI	P IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	<b>\$000</b> )	Obligat	ed (\$000)	Planne	ed (\$000)	Estima	ite (\$000)	Estima	ted Costs	(\$000)
						Sites (A	Actions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Hawaii																						
_	LY USED DEFENSE SIT	ES - GROVE FARM ARTY	IMP / HI	99 <b>7</b> 99F41	2000																	
	IRP Sites and MRSs by C		Stu		1	0	0	0	0			\$0	\$156	S	\$0	SO	50	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0	IF	-	0(0)	0(0)	0(0)					\$0	\$0	\$(	\$0	\$0	50 \$0	\$0			\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Des	ign 0	0	0	0	0	1			\$0	\$0	\$(	\$0	\$0	50	so	\$0	FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA	-C 0	0	0	0	0	1			\$0	\$0	S	\$0	\$(	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	1 RA	. <b>-O</b> 0	0	0	0	0	0			\$0	\$0	S	\$0	\$0	\$0	so	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 L7	<b>M</b> 0	0	0	0	0	1			\$0	\$0	\$(	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$21,
Not Required	0 MRSPP-5	0 No Longer Required	0 II	P Final RC	: FY -		MRS Fina	al RC: FY	2078		Total	\$0	\$156	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$21,
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
	IRP Progress No IRP sites identified. in FY10:  MMRP Progress The RI/FS phase is completed in FY10. in FY10:  MMRP Progress The RI/FS phase is completed in FY10. in FY10:  MMRP Progress Planned If funding is available a RD phase will be initiated.																					
IRP Progress Plann for FY11-FY1	in FY10:  rogress Planned No IRP sites identified.  MMRP Progress Planned If funding is available a RD phase will be initiated.																					
FORMERI	LY USED DEFENSE SIT	ES - HEEIA COMBAT TRA	AINING (	CAMP / H	199 <b>7</b> 99F	385900	/ RAB															
'	IRP Sites and MRSs by C	Classification	Stu	1 <b>dy</b> 0	1	0	0	0	0	FUND	FUND	\$17	\$1,596	S	\$57	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0	IF	A 0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	50 \$0	S	\$0	FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Des	ign 0	1	0	0	0	0			\$0	\$100	\$(	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA	-C 0	0	0	1	0	0			\$0	\$2,002	\$0	\$1,986	\$0	\$0	SO	\$0	FY16	\$0	
Low	o MRSPP-3	0 Evaluation Pending	1 RA	. <b>-O</b> 0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 L7	<b>M</b> 0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	FY11-Comp	. MMRP	\$67,
Not Required	0 MRSPP-5	0 No Longer Required	0 II	P Final RC	: FY -		MRS Fina	al RC: FY	2093		Total	\$17	\$3,698	\$0	\$2,043	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$67,
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
in FY1 IRP Progress Plann	ned No IRP sites identified.								MMR	P Progres	Progress in FY10:					tiated.						
for FY11-FY1										for FY	711-FY12:											
FORMERI		ES - KAHUKU TRAINING			_					_		-								1		1
	IRP Sites and MRSs by C	Classification	Stı	-	0	0	1	0	0	_		\$0	\$168	\$(		\$0		\$0		FY13	\$0	
Response Complete	0 Response Complete	0	IF	- ' '	0(0)	0(0)	0(0)					\$0	\$0	\$(		\$0		\$(			\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Des	-	0	0	0	0	1	-		\$0	\$0	\$(		\$0					\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA	_	0	0	0	0	1			\$0	\$0	\$(		\$0		\$0		FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	1 RA		0	0	0	0	0			\$0	\$0	\$(		\$0		\$(		_		
Not Evaluated	0 MRSPP-4 0 MRSPP-5	0 No Known/Suspected	0 L7	•	0	0	0	0	1			\$0	\$0	\$(		\$(						\$16,
Not Required  Total IRP Sites	0 MRSPP-5	No Longer Required     Total MRSs	0 II	RP Final RC	: FY -	•	MRS Fina	al RC: FY	2068		Total	\$0	\$168	\$(	\$0	\$0	\$0	\$6	\$0	FY11-Comp	iete	\$16,
IRP Progre in FY	ess No IRP sites identified.  10:	1 OTAL MICSS	1								Progress in FY10:											
IRP Progress Plann for FY11-FY1	ned No IRP sites identified.  12:								MMR	P Progres for FY	s Planned '11-FY12:	No projects a	are being pr	ogrammed	for the next tv	o fiscal yea	ITS.					

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installation	n / FI	FID / NPL or Pr	opose	ed NPI	. / BR	AC Y	ear / I	RAB /	CTC D	elta f	rom F	Y09*									_		
						Com	pleted	Und	erway	Fut	ure		Schedule								Planning	Fetimo	ted Costs	(0002)
					Phase	IRP			MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligat	ed (\$000)	Planned	d (\$000)	Estima	ite (\$000)	Esuma	iteu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Hawaii																								
FORMERL	Y USED DEFENSE SITI	ES - K	A'U BOMBING RA	NGE /	HI99799	F3904	00																	
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$125	\$0	\$0	\$0	\$0	\$(	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	FY11-Comp	. MMRP	\$16
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	ıl RC: FY	2064		Total	\$0	\$125	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$16,
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress Planne	IRP Progress No IRP sites identified. in FY10:  Progress Planned No IRP sites identified. for FY11-FY12:  MMRP Progress Planned No IRP sites identified. for FY11-FY12:  No projects were programmed for FY10.  MMRP Progress Planned No IRP sites identified. for FY11-FY12:  FORMERLY USED DEFENSE SITES - LANAI BOMBING TARGETS / HI99799F989800																							
FORMERL	for FY11-FY12:																							
	for FY11-FY12:															\$0								
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0			\$0		SC		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	4			\$0	\$0	_		\$0	\$0	SC		FY15	\$0	
/Iedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	4			\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY16	\$0	
Low	o MRSPP-3	0	Evaluation Pending	4	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	4			\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	FY11-Comp	. MMRP	\$20
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	ıl RC: FY	2090		Total	\$0	\$729	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$20,
Total IRP Sites	0 MRSPP-6	0	Total MRSs	4																				
in FY1	ed No IRP sites identified.										MMRI	Progres	Progress in FY10: s Planned 11-FY12:				Y10. the next two	fiscal years.						
FORMERL	Y USED DEFENSE SIT	ES - M	IAUI BOMBING TA	ARGET	rs / H199	799F9	89600																	
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	2	0	0			\$0	\$2,533	\$0	\$2,168	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0			\$0				FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2			\$0	\$0			\$0	\$0			FY15	\$0	
Aedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	2			\$0	\$0			\$0		\$0		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$0	\$0			\$0		\$0	_	FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	232.11	0	0	0	0	0	2			\$0	\$0			\$0				FY11-Comp		\$12
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	d RC: FY	2071		Total	\$0	\$2,533	\$0	\$2,168	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$12
IRP Progre in FY1	0 MRSPP-6  SS No IRP sites identified. 0:	0	Total MRSs	2								MMRF	Progress in FY10:	A RI/FS wa	s initiated in	n FY10.								
IRP Progress Planne for FY11-FY1	ed No IRP sites identified. 2:										MMRI	Progres for FY	s Planned 11-FY12:	The RI/FS v	vill continue	and be com	pleted in the	next two fisca	al years.					

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Cor	mponent - Installati	on / FFID / NPL or Propo	osed NPI	L / BR	AC Y	ear / l	RAB / G	CTC D	elta f	rom F	Y09*											
					pleted		erway	Futi		FY10 S	chedule								Planning			5
			Phase				MMRP			Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estimat	ted Costs	(\$000)
							ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Hawaii																						
_	DLV USED DEFENSE SI	TES - PAKINI BOMBING RAN	ICE / H199	799F73	9700																	
FORMER			Study	0	0	I 0	1	0	0	1		\$0	\$385	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	IRP Sites and MRSs by		IRA	0(0)	0(0)	0(0)	0(0)	U	U			\$0	\$385	\$0		\$0				FY13 FY14	\$0	\$0
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0(0)	0(0)	0	0	1			\$0	\$0	\$0		\$0					\$0	\$(
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0				FY16	\$0	\$(
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0		-		FY11-Comp.		\$(
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0		_		FY11-Comp.		\$19,54
Not Required	0 MRSPP-5	0 No Longer Required		inal RC:			MRS Fina		2065		Total	\$0	\$385	\$0		\$0				FY11-Compl		\$19,549
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																		-	
in FY	nned No IRP sites identified.					MMRI	Progres	Progress in FY10: s Planned 111-FY12:				for the next tw	o fiscal year	S.								
		TES - PALI TRAINING CAMP					101 1 1	11-1 112.														
FORM			Study	0	0	0	1	0	0			\$0	\$520	\$0	\$57	\$0	\$0	\$0	\$0	FY13	\$0	S
Damas Complete	IRP Sites and MRSs by		IRA	0(0)	0(0)	0(0)	0(0)	U	0			\$0	\$520	\$0		\$0				FY13 FY14	\$0	
Response Complete High	0 Response Complete 0 MRSPP-1	0 MRSPP-7	0 Design	0(0)	0(0)	0(0)	0(0)	0	0			\$0	\$0 \$45	\$0		\$0				FY14 FY15	\$0 \$0	\$0
Medium	0 MRSPP-1	0 MRSPP-8	0 RA-C	0	0	0	1	0	0			\$0	\$1,367	\$0		\$0				FY15 FY16	\$0 \$0	\$
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$1,307	\$0		\$0				FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0				FY11-Comp.		\$29,36
Not Required	0 MRSPP-5	0 No Longer Required		inal RC:	-		MRS Fina		-		Total	\$0	\$1,932	\$0		\$0				FY11-Compl		\$29,36
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1	mai ic.	rı -		MINO Phie	II NC. II	4050		10	Ψ-	ψ <b>2</b> ,702		Ψ-1,	÷		7-	Ψ-	T I III-Comp.	.etc	+,-
IRP Prog in FY	ress No IRP sites identified. Y10:  ned No IRP sites identified.								MMRI	Progres	Progress in FY10: s Planned 11-FY12:				the next fiscal	years.						
FORMER	RLY USED DEFENSE SI	TES - RANGE D-400-L / HI9979	99FA10300																			
	IRP Sites and MRSs by	Classification	Study	0	0	0	1	0	0			\$0	\$168	\$0	\$168	\$0	\$300	\$0	\$0	FY13	\$0	\$
Response Complete	0 Response Complete	e 0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	5
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	\$0		\$0				FY15	\$0	5
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0				FY16	\$0	5
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0				FY11-Comp.		
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0				FY11-Comp.		\$15,4
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP F	inal RC:	FY -		MRS Fina	d RC: FY	2095		Total	\$0	\$168	\$0	\$168	\$0	\$300	\$0	\$0	FY11-Compl	ete	\$15,4
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
in FY	(ress No IRP sites identified.  V10:  nned No IRP sites identified.								MMRI		Progress in FY10:				npleted within	n the next tw	o fiscal vears	i.				
for FY11-FY	Y12:									for FY	11-FY12:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatio	n / Fl	FID / NPL or Pi	ropose	ed NPI							r -			F7874.0	P. 1	F744 F		T TT 74.0		1		
							pleted		lerway	Fut		T	Schedule act**	Costs Through FY10 (\$000)		Funds ed (\$000)		xecution d (\$000)		Planning te (\$000)	Estimat	ted Costs	(\$000)
					Phase	IRP		_	MMRP	IRP	MMRP			· · · /									1000
								Sites (A	Actions)			IRP	MMRP	IRP MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<u>Hawaii</u>																							
FORMERLY	USED DEFENSE SIT	ES - W	AIAWA TRAININ	G ARE	A / HI99	9799FA	10200																
1	IRP Sites and MRSs by (	Classific	ation		Study	0	0	0	1	0	0			\$0 \$172	2 \$	\$172	\$0	\$50	\$0	\$0	FY13	\$0	\$
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$0	\$	\$0	\$0	\$0	\$C	\$0	FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0 \$0	\$	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0 \$0	\$	\$0	\$0	\$0	SO	_	FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0 \$0			\$0				FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0 \$0	\$	\$0	\$0				FY11-Comp.		\$11,83
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	al RC: FY	Y 2094		Total	\$0 \$172	2 \$	\$172	\$0	\$50	\$0	\$0	FY11-Compl	ete	\$11,83
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																			
in FY10:	IRP Sites 0 MRSPP-6 0 Total MRSs 1  IRP Progress No IRP sites identified. in FY10:  P Progress Planned No IRP sites identified. for FY11-FY12:  MMRP Progress Planned The SI phase is to be completed within the next two fiscal years. for FY11-FY12:																						
	in FY10:  RP Progress Planned No IRP sites identified.  MMRP Progress Planned The SI phase is to be completed within the next two fiscal years.																						
FORMERLY	for FY11-FY12:  FORMERLY USED DEFENSE SITES - WAIKANE TRAINING AREA / HI99799F407400																						
		Classific	ation		<u> </u>		-	_	_	0	0								_			\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$0			\$0				FY14	\$0	\$1,71
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	1	0	0	0	0			\$0 \$75			\$0				FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	3	0	0	-		\$0 \$2,367			\$0		_		FY16	\$0	\$1
Low	0 MRSPP-3	0	Evaluation Pending	3	RA-O	0	0	0	0	0	0			\$0 \$0			\$0	4.0			FY11-Comp.		\$
Not Evaluated Not Required	0 MRSPP-4 0 MRSPP-5	0	No Known/Suspected No Longer Required	0	LTM	0	0	0	0	0	3			\$0 \$0			\$0				FY11-Comp.		\$26,17 \$26,17
Total IRP Sites	0 MRSPP-6	0	- 1	2	IRPF	nal RC:	FY -		MRS Fina	al RC: FY	2093		Total	\$0 \$5,347	\$	\$495	\$0	\$160	\$0	\$10	FY11-Compl	ete	\$20,17
I		0	Total MRSs	3									-										
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No IRP sites identified.										MMRI	P Progre	in FY10:	A RI/FS phase and a R The RI/FS completion				years. A R/	A-C phase is	expected begi	n within the next two	fiscal years.	
FORMERLY	USED DEFENSE SIT	ES - W	AIKOLOA MANE	UVER	AREA /	HI9979	99F4077	700 / RA	AB														
	IRP Sites and MRSs by C	Classific	ation		Study	0	6	0	0	0	0			\$789 \$6,227	7 \$	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$14,98
Response Complete	0 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$21 \$0	\$	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$9,64
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	2	0	1	0	0			\$0 \$194	1 \$	\$0	\$0	\$0	\$0		FY15	\$0	\$14,38
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	3	0	3			\$0 \$106,879	\$	\$21,088	\$0	\$10,316	\$0		FY16	\$0	\$15,99
Low	0 MRSPP-3	0	Evaluation Pending	6	RA-O	0	0	0	0	0	0			\$0 \$0			\$0			_	FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	3			\$0 \$0			\$0				FY11-Comp.		\$908,89
Not Required	0 MRSPP-5	0	No Longer Required	0	-		FY -		MRS Fina	al RC: FY	Y 2086		Total	\$810 \$113,300	\$	\$21,088	\$0	\$10,316	\$0	\$13,386	FY11-Compl	ete	\$908,89
Total IRP Sites	0 MRSPP-6	0	Total MRSs	6	Five-Y	ear Revie	w Planne	ed for Fut	ture														
IRP Progress in FY10:											ммы		in FY10:	Remedial action and co									
for FY11-FY12:	TWO INT SHES INCHINICU.											for FY	711-FY12:	ixemediai action alid co	moauction S	грроп wiii сог	mue for the	neat two IIS	car years.				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

						Com	pleted	Unde	erway	Fut	ıre	FY10 S	Schedule	Costs '	Through				xecution					
					Phase	IRP	MMRP	IRP	MMRP	IRP I	MMRP	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estimated	Costs	(\$000)
								Sites (A				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	RP	MMRP
Hawaii																								
FORMERL	Y USED DEFENSE SIT	ES - W	AILUA ARTILLERY	Y IMI	PACT A	REA /	HI99799	9F41190	00															
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$(	0 \$219	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$(	0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	1			\$(	0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0									
Low	0 MRSPP-3	0	0			S	0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. II	RP									
Not Evaluated	0 MRSPP-4	0	1			S	0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. M	MRP	\$17,6								
Not Required	0 MRSPP-5	l RC: FY	2070		Total	\$0	0 \$219	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Complet	)	\$17,6								
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1																			
IRP Progress Planne for FY11-FY12	2:										MMRI	P Progres for FY	s Planned '11-FY12:	No action	is programme	ed for the nex	tt two fiscal y	ears.						
FORMERL	Y USED DEFENSE SIT			SITE								1						1				T		
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$(				\$0	\$0	\$0		FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$(				\$0	\$0	\$0		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
-																								
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$6	-	_	-	\$0	\$0	\$0		FY16	\$0	
Medium Low	0 MRSPP-3	0	Evaluation Pending	0	RA-C RA-O	0	0	0	0	0	0			\$(	0 \$0	\$0	\$0	\$0 \$0	\$0	\$0	\$0	FY11-Comp. II	RP	
Medium Low Not Evaluated	0 MRSPP-3 0 MRSPP-4	0	Evaluation Pending No Known/Suspected	0	RA-C RA-O LTM	0	0	0	0	0	0			\$(	0 \$0	\$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0	\$0 \$0	FY11-Comp. II FY11-Comp. M	RP MRP	\$14,9
Medium Low Not Evaluated Not Required	0 MRSPP-3 0 MRSPP-4 0 MRSPP-5	0 0 0	Evaluation Pending No Known/Suspected No Longer Required	0 1 0 0	RA-C RA-O LTM	0	0	0	0 0 0 MRS Fina	0	0		Total	\$(	0 \$0	\$0	\$0 \$0	\$0 \$0 \$0 <b>\$0</b>	\$0	\$0	\$0 \$0	FY11-Comp. II	RP MRP	\$14,9 \$14,9
Medium  Low  Not Evaluated  Not Required	0 MRSPP-3 0 MRSPP-4	0 0 0 0 0	Evaluation Pending No Known/Suspected	0 1 0 0 1	RA-C RA-O LTM	0	0	0	0	0	0		Total	\$(	0 \$0	\$0	\$0 \$0	\$0 \$0 \$0 \$0	\$0	\$0 \$0	\$0 \$0	FY11-Comp. II FY11-Comp. M	RP MRP	\$14,9
Medium  Low  Not Evaluated  Not Required  Total IRP Sites	0 MRSPP-3 0 MRSPP-4 0 MRSPP-5 0 MRSPP-6 88 No IRP sites identified.	0 0 0 0	Evaluation Pending No Known/Suspected No Longer Required	0 1 0 0 1	RA-C RA-O LTM	0	0	0	0	0	0	MMRI		\$( \$(	0 \$0	\$0 \$0 \$0	\$0 \$0 <b>\$0</b>	\$0 \$0 \$0 \$0	\$0	\$0 \$0	\$0 \$0	FY11-Comp. II FY11-Comp. M	RP MRP	

MMRP Progress Planned No projects are being programmed within the next two fiscal years.
for FY11-FY12:

\*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

DoD Com	ponent - Installation	/FF	FID / NPL or P	ropose	ed NPI	L / BR	AC Y	ear / I	RAB /	CTC 1	Delta f	rom F	Y09*											
						Com	pleted	Und	erway	Fu	ture		Schedule			FY10			excution				-4-3 C4-	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	ed (\$000)	Estima	te (\$000)	Esuma	ited Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Idaho																								
_	LY USED DEFENSE SITE	S - II	OAHO NAT. ENGR	R. LABO	RATO	RY / ID	09 <b>7</b> 99F	143700																
,	IRP Sites and MRSs by Cl	lassific	ation		Study	0	0	0	1	0	0			\$0	\$176	\$0	\$0	SC	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	o MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$158,231
Not Required	o MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY -		MRS Fin	al RC: I	Y 2091		Total	\$0	\$176	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$158,231
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																		_		
IRP Progre in FY1	ess No IRP sites identified.											MMR	Progress in FY10:	No progress	s reported.									
IRP Progress Planne for FY11-FY1	ed No IRP sites identified.										MMR		s Planned 11-FY12:		planned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

		n / FFID / NPL or Propo	SCU I (I	L / DI	и п	cai / i	(AD /	CICL	ena i	_												
					pleted		erway	Fut			Schedule act**	Costs Tl FY10 (		FY10 l Obligate		FY11 Ex Planned			Planning te (\$000)	Estima	ated Costs	s (\$000)
			Phase	IRP				IRP	MMRP	ш	act	F110(	\$000)	Jungate	1 (\$000)				(\$000)	250		, (φοσο)
						Sites (A	ctions)			IRP	MMRP	IRP I	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
<b>Illinois</b>																						
ARMY - JO	LIET AAP / IL52138204	6000 / NPL / RAB / C-TECH																				
	IRP Sites and MRSs by O	lassification	Study	55	4	0	1	0	0			\$15,076	\$2,058	\$0	\$548	\$0	\$104	S	\$152	FY13	\$371	\$2
Response Complete	55 Response Complete	4	IRA	9(11)	3(3)	0(0)	0(0)					\$2,149	\$11	\$0	\$0	\$0	\$0	\$(		FY14	\$356	\$2
High	0 MRSPP-1	0 MRSPP-7	0 Design	29	0	0	0	0	1			\$4,083	\$0	\$0	\$0	\$0	\$0	S		FY15	\$362	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	30	0	0	0	0	1			\$58,071	\$0	\$0	\$0	\$0	\$0	S	\$0		\$368	
Low	o MRSPP-3	0 Evaluation Pending	1 RA-O	2	0	0	0	0	0			\$41,959	\$0	\$4	\$0	\$0	\$0	\$(	\$0	FY11-Comp	. IRP	\$11,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	3	0	5	3	0	1			\$3,505	\$0	\$350	\$0	\$339	\$209	\$569	\$0	FY11-Comp		\$6
Not Required	0 MRSPP-5	0 No Longer Required	4 IRP I	inal RC	FY 201	0	MRS Fina	al RC: F	Y 2014		Total	\$124,843	\$2,069	\$354	\$548	\$339	\$313	\$569	\$265	FY11-Comp	lete	\$17,
Total IRP Sites	55 MRSPP-6	0 Total MRSs	5 Five-Y	ear Revi	ew Compl	eted and	Planned fo	or Future				•	•						•	_		
IRP Progres	S Refer to Page F-95.									MMRI	Progress	Refer to Pag	e F-95.									
in FY10	:										in FY10:											
IDD D DI									MMDI	n n	- Dl d											
IRP Progress Planne for FY11-FY12									MMKI		11-FY12:	Refer to Pag	e F-95.									
ARMY - SA	VANNA DEPOT ACTIV	VITY / IL521382080300 / NPL /	BRAC 1	995 / R	AB / C-T	ECH /	C-EST															
	IRP Sites and MRSs by O		Study	62	3	65	12	0	0			\$36,453	\$9,487	\$419	\$216	\$980	\$800	S	\$0	FY13	\$8,513	\$
Response Complete	60 Response Complete	3	IRA	6(6)	0(0)	3(3)	1(1)					\$5,474	\$109	\$90	\$109	\$1,839	\$0	S		FY14	\$11,010	\$2,
High	11 MRSPP-1	0 MRSPP-7	2 Design	5	0	0	0	10	3			\$13,180	\$4,910	\$0	\$0	\$40	\$0	\$403		FY15	\$9,759	\$1,
Medium	12 MRSPP-2	1 MRSPP-8	0 RA-C	9	0	6	0	29	12			\$48,168	\$0	\$164	\$0	\$1,934	\$0	\$7,079			\$4,533	
Low	40 MRSPP-3	3 Evaluation Pending	0 RA-O	0	0	2	0	3	1			\$1,339	\$500	\$0	\$0	\$0	\$0	S		FY11-Comp		\$64,
Not Evaluated	3 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	27	12			\$1,504	\$0	\$688	\$0	\$0	\$0	\$82		FY11-Comp		\$19.
Not Required	1 MRSPP-5	4 No Longer Required			FY 204	6		al RC: F			Total	\$106,118	\$15,006	\$1,361	\$325	\$4,793	\$800	\$7,564		FY11-Comp		\$84,
Total IRP Sites	127 MRSPP-6	2 Total MRSs	15											. ,	-							
IRP Progres	S Refer to Page F-168.									MMRI	Progress	Refer to Pag	e F-168									
in FY10										.,,	in FY10:	Refer to rag	C 1 - 100.									
IRP Progress Planne for FY11-FY12									MMRI		s Planned 11-FY12:	Refer to Pag	e F-168.									
101 1 111-1 112	•									101 1 1	11-1 112.											
NAVV - CR	FAT LAKES NTC / IL 5	17002259600 / C-TECH																				
NAVI-GR			C41	1 26	4		,		1	FLDID	FLDID	67.650	6022	6277	¢0	6200	60	677		EX712	62.772	
	IRP Sites and MRSs by C	Classification	Study	26		5	1	6	1	FUND	FUND	\$7,650	\$922 \$0	\$376	\$0 \$0	\$209	\$0 \$0	\$72		FY13	\$2,772	S
Response Complete	16 Response Complete 0 MRSPP-1	0 MDCDD 7	0 Dogican	8(9)	0(0)	0(0)	0(0)			REG	REG	\$2,687	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$1		FY14	\$3,185	S
High Medium	0 MRSPP-1 3 MRSPP-2	0 MRSPP-7 0 MRSPP-8	0 Design 0 RA-C	7	0	1	0	8	2	REG REG	REG REG	\$386 \$4,951	\$0 \$0	\$0 \$0	\$0 \$0	\$1,000	\$0	\$20 \$890		FY15 FY16	\$3,057 \$2,735	3
Low	9 MRSPP-3	0 MRSPP-8 0 Evaluation Pending	0 RA-C 3 RA-O	3	0	0	0	2	0	REG	KEG	\$4,951 \$2,556	\$0 \$0	\$0	\$0	\$1,000	\$0	\$890				\$36,
Not Evaluated	1 MRSPP-4	No Known/Suspected	0 LTM	1	0	5	0	11	0			\$2,556 \$1,754	\$0 \$0	\$0 \$975	\$0 \$0		\$0	\$418		FY11-Comp		
Not Required	8 MRSPP-5	0 No Longer Required		Smal B.C.	FY 202			al RC: F			Total	\$1,754 \$19,984	\$922	\$9/5 \$1,351	\$0 <b>\$0</b>	\$162 <b>\$1,371</b>	\$0	\$1,400		FY11-Comp		\$250,
Total IRP Sites	37 MRSPP-6				FY 202 ew Planne			arke: F	1 2021		1 otai	\$19,984	\$922	ə1,35l	20	\$1,3/1	\$0	1 \$1,400	\$0	r 111-Comp	nete	<b>Ф</b> 230,
TOTAL TICE SHES	5/ WIKSF F-0	0 Total MRSs	rive-	ear Kevi			ii e															
IRP Progres		r Sites 4, and 9 an d start site 21. Issues RODs	for Sites 1 an	d 4. Comp	eted MRP S	SIs,				MMRI	Progress in FY10:	Completed S	SIs									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

	is of Installations																			Berei	ise Envir	onmental I	Cotoration	Trogram
DoD Comp	onent - Installation	1 / FI	FID / NPL or Pr	opose	Phase	Com	pleted MMRP	Und IRP	erway MMRP	Fut	ure	FY10	Y09* Schedule pact**	Costs T FY10		FY10 l Obligate			xecution 1 (\$000)	Estima	te (\$000)		nated Costs	(\$000)
							1	Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	· IRP	MMRP
<u>Illi</u> nois																								
<b>AIR FORCE</b>	- SCOTT AIR FORCE	BASE	/ IL557182417700 /	BRAC	2005 R	ealignn	nent / C-	TECH	/ C-REC	G / C-ES	T													
,	IRP Sites and MRSs by C	lassific	ation		Study	22	1	13	0	17	0			\$17,173	\$0	\$159	\$0	\$0	\$0	\$0	\$0	FY13	\$679	5
Response Complete	11 Response Complete	1			IRA	9(11)	0(0)	0(0)	0(0)					\$2,276	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,333	:
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	18	0	1	0			\$2,317	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,332	5
Medium	8 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	20	0	1	0			\$33,494	\$0	\$0	\$0	\$4,474	\$0	\$0	\$0	FY16	\$8,010	:
Low	15 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	22	0			\$462	\$0	\$172	\$0	\$194	\$0	\$497	\$0	FY11-Com	p. IRP	\$34,57
Not Evaluated	17 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	6	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com	p. MMRP	
Not Required	1 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 203	8	MRS Fina	al RC: F	Y 2005		Total	\$55,722	\$0	\$331	\$0	\$4,668	\$0	\$497	\$0	FY11-Com	plete	\$34,57
Total IRP Sites	52 MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	w Planne	d for Fut	ıre							•								
in FY10:	RA-O at SS06; Site Closeout @ R RA-O & 5-Yr Review at ST10 &							pport.			MMRF	Progre	P Progress in FY10: ss Planned /11-FY12:	Complete th			rarded in FY	09.						
FORMERLY	USED DEFENSE SITE	ES - C	AMP ELLIS MILIT	ARY I	RESERV	ATIO	N / IL59	799F21	7300 / C	-EST														
	IRP Sites and MRSs by C	lassific	ation		Study	1	0	1	1	0	0			\$2,519	\$1,574	\$108	\$1	\$26	\$21	\$3	\$21	FY13	\$0	\$2
Response Complete	Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$2	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$2
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	1	1	0			\$1	\$126	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$1,24
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	1	1	0			\$3	\$3,090	\$0	\$20	\$0	\$0	\$0	\$0	FY16	\$0	\$85
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com	p. IRP	\$52
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	1			\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com	p. MMRP	\$17,80
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	4	MRS Fina	al RC: F	Y 2024		Total	\$2,524	\$4,792	\$108	\$21	\$26	\$21	\$3	\$21	FY11-Com	plete	\$18,38
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1	1																			
in FY10:	Completed EE/CA work.  Continue with RI/FS phase as fund	ding is av	ailable.								MMRF	Progre	P Progress in FY10: ss Planned /11-FY12:	Upon availa	bility of fun	ds MMRP ac	tions shall ac	ddress the are	as still lackin	g geophysic	al survey (50	acres) assumed th	at 50 acres will	be surveyed and
FORMERLY	USED DEFENSE SITE	ES - SA	ANGAMON ORDN	ANCE	PLANT	/ IL597	99F221	600 / C	-ТЕСН															
	IRP Sites and MRSs by C	lassific	ation		Study	1	0	1	1	0	0			\$710	\$186	\$0	\$0	\$144	\$0	\$436		FY13	\$0	S
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	1			\$43	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	0	1			\$798	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com	p. IRP	\$1,53
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	1			\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com	p. MMRP	\$13,49
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	9	MRS Fina	al RC: F	Y 2030		Total	\$1,552	\$186	\$0	\$0	\$144	\$0	\$436	\$0	FY11-Com	plete	\$15,03
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1																				
in FY10:	PA currently underway.  Once data is reviewed from PA, d	eterminat	ion will be made for INPR in	itiation.							MMRF	Progre	P Progress in FY10:	We are cont	inuing to pr	ocess the PRI	INPR for c		k at this site.	Until the na	ature and exter	nt of the metals ar	nd explosives co	ntamination is

for FY11-FY12: understood, it is not practical to select a remediation strategy.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-0 Sta	itus of Installation	5 WIC	11111000	пріс	non c	OST E	Stille	ite Gi	cater	Tilali	ψιυ,	000,0	00							Dere	nse Envir	ronmental R	Costoration	Trogram
DoD Com	nponent - Installation	n / Fl	FID / NPL or P	ropose	ed NPI	L/BR	AC Y	ear / l	RAB/	CTC D	elta f	rom I	Y09*											
						Com	pleted	Und	lerway	Fut	ure		Schedule			FY10			xecution			Eatim	ated Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	lm <sub>]</sub>	pact**	FY10 (	\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Esum	ateu Costs	(\$000)
								Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Indiana																								
	RANE NSWC / IN5170023	350000	/ RAB / C-TECH																					
1,11,11 01	IRP Sites and MRSs by C				Study	24	6	11	1	T 1	- 1			\$36,104	\$639	\$2,017	\$0	\$1,184	\$0	\$765	\$0	FY13	\$3,924	\$1
Response Complete	16 Response Complete	Jassino	ation		IRA	16(25)	0(0)	0(0)	0(0)	1				\$33,088	\$0	\$648	\$0	\$662	\$514	\$367		FY14	\$1,194	S
High	2 MRSPP-1		MRSPP-7	1 0	Design	8	1	1	0	5	0			\$55,000	\$0	\$0	\$0	\$68	\$0	\$37		FY15	\$1,238	
Medium	9 MRSPP-2	- 0	MRSPP-8	1	RA-C	6	1	0	0	8	0			\$9,864	\$0	\$0	\$0	\$812	\$0	\$1,429		FY16	\$875	5
Low	5 MRSPP-3	0	Evaluation Pending	5	RA-O	3	0	0	0	4	0			\$0	\$0	\$0	\$0	\$0	\$0	\$1,12		FY11-Com		\$35,4
Not Evaluated	1 MRSPP-4	- 0	No Known/Suspected	0	LTM	0	0	7	0	12	1			\$310	\$0	\$62	\$0	\$314	\$0	\$354		FY11-Com		\$2,0
Not Required	3 MRSPP-5	- 0	No Longer Required	2			FY 202	1 /	MRS Fin		7 2020		Total	\$79,923	\$639	\$2,727	\$0	\$3,040	\$514	\$2,952		FY11-Com		\$38,0
Total IRP Sites	36 MRSPP-6	0		8	-					ai KC: F	2020		Total	\$15,523	Ģ03 <i>9</i>	\$2,727	φ0	\$5,040	9314	94,732	φ42 <b>4</b>	r i i i - com	piete	φ50,0
												MM	n n											
in FY1	IRP Progress Work continues at SWMU 8, 9, 12. LTMs continue at 1, 2, 3, 10. Issed 4 new RFIs, CMIs for 1 site. SWMU 12 and 13 continue with IRAs. in FY10: Starting several RFIs this spring summe  MMRP Progress MRP SI work completed. Looks like water ranges are NFA however, 2 AOCs will reuired more work. in FY10:																							
IRP Progress Plann for FY11-FY1	in FY10: Starting several RFI's this spring summe  in FY10:  P Progress Planned Conitue, RFI's at SWMU 18, 32, 16, , SI completions and LTM. SWMU 17 removal/remedial action is still up in the air. It needs to be made a priority for FY11-FY12: we have laready seen significant delays.  MMRP Progress Planned Funding dependent. Possible small removal at one AOC to reach NFA for FY11-FY12:																							
AIR FORCE	for FY11-FY12: we have laready seen significant delays.  For FY11-FY12:  AIR FORCE - GRISSOM AIR FORCE BASE / IN557212447200 / BRAC 1991 / RAB / C-REG / C-EST																							
	IRP Sites and MRSs by C	Classific	ation		Study	40	5	0	0	0	0			\$12,793	\$0	\$0	\$0	\$0	\$0			FY13	\$2,749	
Response Complete	32 Response Complete	5			IRA	0(0)	0(0)	0(0)	0(0)					\$3,609	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$865	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$264	\$0	\$0	\$0	\$0		\$0		FY15	\$1,469	
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$8,351	\$0	\$110	\$0	\$0	\$0	\$0	\$0	FY16	\$1,447	
Low	3 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$1,809	\$0	\$9	\$0	\$1,097	\$0	\$52		FY11-Com		\$11,8
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$2,166	\$9	\$27	\$6	\$51	\$12	\$647	\$6	FY11-Com	p. MMRP	\$:
Not Required	4 MRSPP-5	0	No Longer Required	5	IRP F	inal RC:	FY 299	19	MRS Fin	al RC: FY	2002		Total	\$28,992	\$9	\$146	\$6	\$1,148	\$12	\$699	\$6	FY11-Com	plete	\$12,0
Total IRP Sites	40 MRSPP-6	0	Total MRSs	5	Five-Y	ear Revie	ew Compl	leted and	Planned for	or Future														
IRP Progre in FY1 IRP Progress Plann for FY11-FY1	ned Refer to Page F-82.										MMRI	P Progre	P Progress in FY10: ss Planned Y11-FY12:											
												101 F	1 11-F 1 12.											
FORMERI	LY USED DEFENSE SITI			NANCE				/000 / N	NPL / C-					-				1						
	IRP Sites and MRSs by C	Classific	ation		Study	4	0	1	1	0	0			\$5,909	\$149	\$1,766	\$0	\$149	\$297	\$597		FY13	\$500	\$1,
Response Complete	4 Response Complete	0			IRA	1(1)	1(1)	0(0)	0(0)					\$2,980	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$162	S
High	1 MRSPP-1	0	MRSPP-7	0	Design	1	0	1	1	0	0			\$140	\$65	\$0	\$0	\$0	\$0	\$0		FY15	\$543	-
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	1	1	0			\$336	\$57	\$0	\$0	\$0	\$0	\$0		FY16	\$0	<b>-</b>
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Com		\$6,
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	4	0	0	0	1	1			\$3	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Com	•	\$23,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 201	4	MRS Fin	al RC: FY	2027		Total	\$9,368	\$271	\$1,766	\$0	\$149	\$297	\$597	\$798	FY11-Com	plete	\$29,0
Total IRP Sites	5 MRSPP-6	0	Total MRSs	1																				
IRP Progre in FY1	ess Awardand complete Scoping/plar	nning pha	se for RI execution. Negotiat	ted and awa	arded Execu	tion phase.	Field work	c initiated in	n FY10.			MMR	P Progress in FY10:	No progress	reported.									
IRP Progress Plann for FY11-FY1	ned Complete RI and initiate FS.  12:										MMRI	P Progre for F	ss Planned Y11-FY12:	If funds are	available ini	itiate remedia	l investigation	on phase wor	k.					

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installation	n / FFID / NPL or Pi	roposed	l NPI	L / BR	AC Y	ear / I	RAB / G	CTC	Delta f	rom I	Y09*											
					Com	pleted	Und	erway	Fu	iture		Schedule			FY10			xecution				4-1 C-4-	(\$000)
			P	Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Im	pact**	FY10 (	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estilla	ited Costs	(\$000)
							Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Iowa																							
_	OWA ARMY AMMUNITI	ON PLANT / IA72138204	44500 / NI	PL/R	AB / C	EST																	
,	IRP Sites and MRSs by C	lassification	5	Study	53	0	3	8	0	0			\$28,747	\$3,287	\$0	\$7	\$978	\$0	\$0	\$0	FY13	\$463	\$5,743
Response Complete	40 Response Complete	0		IRA	9(12)	0(0)	0(0)	0(0)					\$11,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$42	\$0
High	0 MRSPP-1	0 MRSPP-7	0 I	Design	29	0	0	0	2	4			\$9,397	\$0	\$0	\$0	\$0	\$0	\$164	\$149	FY15	\$0	\$0
Medium	2 MRSPP-2	0 MRSPP-8	0 ]	RA-C	29	0	2	0	2	4			\$45,066	\$0	\$0	\$0	\$501	\$0	\$0	\$0	FY16	\$0	\$0
Low	0 MRSPP-3	2 Evaluation Pending	0 1	RA-O	0	0	12	0	1	0			\$2,869	\$0	\$1,978	\$0	\$25	\$0	\$534	\$0	FY11-Comp	. IRP	\$16,910
Not Evaluated	3 MRSPP-4	0 No Known/Suspected	4	LTM	0	0	1	0	0	8			\$3,268	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$7,972
Not Required	11 MRSPP-5	1 No Longer Required	0	IRP F	inal RC:	FY 204	7	MRS Fina	al RC: 1	FY 2013		Total	\$100,369	\$3,287	\$1,978	\$7	\$1,504	\$0	\$698	\$149	FY11-Comp	lete	\$24,882
Total IRP Sites	56 MRSPP-6	1 Total MRSs	8	Five-Y	ear Revie	w Compl	eted and	Underway	,												_		_
IRP Progre in FY1	ess Refer to Page F-90.										MMR	P Progress in FY10:	Refer to Pag	ge F-90.									
IRP Progress Planno for FY11-FY1										MMR		ss Planned Y11-FY12:	Refer to Pag	ge F-90.									

Table E-6 Sta	tus of Installation	s with FY11 to Comp	letior	ı Cos	st Estim	ate G	reater	Than	\$10,	000,00	)0							Defe	nse Envir	ronmental Re	estoration	ı Program
DoD Com	monent - Installatio	n / FFID / NPL or Propo	nsed N	JPI./	RRAC	Vear /	RAR /	СТСТ	)elta f	rom F	V00*											
Dob Con	iponent - instanation	II/FFID/NIL OI ITOPO	JSCU I		Completed					_		Costs T	hrough	FY10	Funde	FV11 F	Execution	FV12 I	Planning	1		
			Dhe	_	RP MMI		derway		ture	T	act**	FY10 (			ed (\$000)		ed (\$000)		te (\$000)	Estima	ted Costs	(\$000)
			FII	ise II	KP WIWI		Actions)	IKF	WIWIKI		MMRP	IDD	MMRP	IDD	MMRP	IDD	MMRP	IDD	MMDD	Fiscal Year	IRP	MMRP
Vangag						Brees (	110010115)			IKI	WIWIKI	IKI	WIWIKI	IKI	WIWIKI	IKI	WIWIKI	IKI	MINIKI	riscai Teai	IKI	WIWIKI
Kansas																						
ARMY - FO		KS721372049900 / C-REG								_												ī
	IRP Sites and MRSs by C	Classification			71 1	1	2	0	0	_		\$17,961	\$1,912	\$735	\$2			\$54		FY13	\$4,527	\$152
Response Complete	68 Response Complete	1	IR		3(4) 0(0)							\$225	\$0	\$0	\$0			\$0		FY14	\$38	\$0
High	1 MRSPP-1	0 MRSPP-7	0 Des	0	28 0	0	0	1	0			\$1,117	\$0	\$0				\$115		FY15	\$337	\$0
Medium	0 MRSPP-2	0 MRSPP-8	0 RA		41 0	1	0	1	0			\$15,802	\$0	\$0	\$0	-		\$4,679		FY16	\$11	\$0
Low	1 MRSPP-3 0 MRSPP-4	1 Evaluation Pending		_	0 0	2	0	0	0			\$91	\$0	\$91	\$0			\$0		FY11-Comp.		\$12,222
Not Evaluated	0 MRSPP-4 2 MRSPP-5	No Known/Suspected     No Longer Required	0 LT		1 0	11	0	2	0			\$1,553	\$0	\$1,178	\$0			\$18		FY11-Comp.		\$2,504
Not Required  Total IRP Sites	2 MRSPP-5	0 Total MRSs			RC: FY 2 Review Con			nal RC: F	Y 2013		Total	\$36,749	\$1,912	\$2,004	\$2	\$119	\$2,203	\$4,866	\$149	FY11-Comp	lete	\$14,726
						1				10 m	. D											
in FY	<ol><li>Sites FTL-08, FTL-24, FTL-57, F</li></ol>	001-R-01 (FTL-66) were part of the GFPR cor FTL-69, FTL-70, and FTL-71 completed the S	SoB phase.	The corre	02-C-0011 mod ctive measures	lification ef implementa	fective Sept. tion-construc	30, 2008. ction		MMRI	Progress in FY10:	No progress	reported.									
	[CMI-(C)] is completed at FTL-0	08 and FTL-57. There is no further action (NFA	A) at FTL-	24.																		
IRP Progress Plann	ned Sites FTL-02 through FTL-08, FT	TL-11, FTL-20, FTL-24, FTL-30, FTL-57, FT	L-60, FTL	-65, FTL-	-69, FTL-70, ar	d FTL-71 a	e RC. Sites	FTL-10 and	MMR		s Planned	No actions p	planned.									
for FY11-FY	12: FTL-15 will remain remedy-in-pl development of the site. The LUC	lace (RIP). Site FTL-04 has been reopened to a Cs will continue at sites FTL-02 through -08, -	remove lar -10, -15, -5	ndfill waste 7, -69, -70	e to achieve NI ), and -71.	A; this wor	k is being do	ne due to		for FY	11-FY12:											
A VID FORG	TE MOGONNEY AND	DOD OF DAGE ANGEROAAAAA	000 (101	D 4 G 20	00570 11		G FOR		J)													
AIR FORC		FORCE BASE / KS7572124140					C-EST															T.
	IRP Sites and MRSs by C	Classification	Stu		28 1	7	5	9	0			\$13,733	\$10,303	\$594	\$0	_		\$0		FY13	\$6,242	\$971
Response Complete	25 Response Complete	0	IR		4(4) 0(0)	1(1)						\$2,829	\$0	\$0				\$0		FY14	\$1,693	\$301
High	0 MRSPP-1	0 MRSPP-7	0 Des	0	2 0	2	0	0	4			\$1,278	\$0	\$0	\$0			\$0		FY15	\$1,797	\$70
Medium	1 MRSPP-2	0 MRSPP-8	0 RA		5 0	2	0	0	5			\$1,610	\$0	\$0	\$0			\$0		FY16	\$2,008	\$63
Low	5 MRSPP-3	0 Evaluation Pending	6 RA		0 0	3	0	2	0			\$10,462	\$0	\$0	\$0	\$0		\$60		FY11-Comp.		\$16,360
Not Evaluated	10 MRSPP-4	0 No Known/Suspected	0 LT		0 0	7	0	9	5			\$3,591	\$0	\$1,457	\$0	\$662		\$294		FY11-Comp.		\$3,083
Not Required	3 MRSPP-5	0 No Longer Required			RC: FY 2			nal RC: F	Y 2014		Total	\$33,503	\$10,303	\$2,051	\$0	\$662	\$389	\$354	\$0	FY11-Comp	lete	\$19,443
Total IRP Sites	44 MRSPP-6	0 Total MRSs			Review Con	•																
IRP Progr	ress Site SS-29 ROD; GEITA Personi 10: Use Control (LUC).	nel; Site TU36 RFI, CMS, SOB; Extended LT	M; SS-35	LTM; RA-	-O/LTM; Titan	Site 17 Sup	plemental R	I; and Land		MMRI	Progress in FY10:	Completed	the draft fina	l basewide C	CSE Phase II	Report. All	MMRP Sites	were scored	under the MF	RSPP requirement.		
III F I	10. esc connor (Ecc).										m r 110.											
IRP Progress Plann	ned LF-33 LTM; GEITA; SS-35 LTM	M; RA-O/LTM; and GW SAMPLING AT TIT	AN SITES	S.					MMR	P Progres	s Planned	Award and	complete RI	or EE/CA ac	ctions pendir	ng regulatory	concurrence	with the CSI	E Phase II.			
for FY11-FY	12:									for FY	11-FY12:		•		•							
FORMERI	LY USED DEFENSE SIT	ES - GREAT BEND A-GRND	GNRY	R/KS	S79799F02	7900																
	IRP Sites and MRSs by C	Classification	Stu	ıdy	0 0	0	1	0	0			\$0	\$140	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0	IR	A (	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Des	sign	0 0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA	-C	0 0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	1 RA	-0	0 0	0	0	0	0			\$0	\$0	\$0		\$0		\$0		FY11-Comp.		\$0
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LT	M	0 0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$18,177
Not Required	0 MRSPP-5	0 No Longer Required	0 IR	RP Final	RC: FY	-	MRS Fi	nal RC: F	Y 2037		Total	\$0	\$140	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$18,177
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																			
	ress No IRP sites identified.	<u> </u>			<u> </u>					MMRI	Progress	No progress	reported.									
in FY	10:										in FY10:											

MMRP Progress Planned No actions planned. for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned No IRP sites identified. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Compo	nent - Installatio	n / FI	FID / NPL or Pr	opose	d NPI	/ BR	AC Y	ear /	RAB /	СТС Г	elta f	rom I	Y09*											
•							pleted		lerway	Fut		_	Schedule	Costs T	hrough	FY10	Funds	FY11 E			Planning			
					Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Im	pact**	FY10 (	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
									Actions)			_	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
Kansas																								
	USED DEFENSE SITI	ES - SO	CHILLING AFB / K	KS79799	F09320	) / RAI	B / C-ES	ST																
	IRP Sites and MRSs by C				Study	4	0	0	2	0	0			\$18,579	\$734	\$17	\$112	\$21	\$680	SO	\$0	FY13	\$59	
Response Complete	3 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0	\$0	SO		FY14	\$59	
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	2			\$1,068	\$0	\$0	\$0	\$0	\$0	SC		FY15	\$59	
Medium	0 MRSPP-2		MRSPP-8	0	RA-C	2	0	1	0	0	2			\$9,798	\$0	\$14		\$21	\$0		_	FY16	\$59	
Low	0 MRSPP-3		Evaluation Pending	2.	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0				FY11-Comp	. IRP	\$:
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	2			\$1	\$0	\$0		\$0				FY11-Comp		\$15,
Not Required	1 MRSPP-5	0	No Longer Required	0		nal RC•	FY 201	0	MRS Fin	al RC+ FY	7 2041		Total	\$29,446	\$734	\$31	\$112	\$42	\$680	\$0		FY11-Comp		\$15,4
Total IRP Sites	4 MRSPP-6		Total MRSs	2	1111	uu KC.	11 201	.0	WILL I	urre. r	2041		1	,,	7.01		,	7	4000			111 00mp		
IRP Progress of in FY10:	Ongoing sampling of private water	er supply	wells.	•								MMR	P Progress in FY10:	Continued e	execution of (	CWM SI. D	raft SI report	submitted for	or review.					
IRP Progress Planned	Continue private water supply we	all complie	ar.								MMRI	P Progre	ss Planned	Complete th	o SI and init	into a Pama	dial Investiga	tion						
for FY11-FY12:	continue private water suppry we	en sampin	g.								.,,,,,,,,		Y11-FY12:	Complete ii	ie 31 and mit	ate a Keme	uiai iiivestiga	don.						
FORMERLY U	USED DEFENSE SIT	ES - SO	CHILLING AFB FA	AC S-12	/ KS797	99F03	1400																	
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	1	0	0	0			\$149	\$0	\$19	\$0	\$100	\$0	\$0	\$0	FY13	\$277	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$16	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$146	
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$111	
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	FY11-Comp	. IRP	\$10,
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	FY11-Comp	. MMRP	
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	8	MRS Fin	al RC: F	7 -		Total	\$149	\$0	\$19	\$0	\$100	\$0	\$0	\$0	FY11-Comp	lete	\$10,9
Total IRP Sites	1 MRSPP-6	0	Total MRSs	0																				
in FY10:	nitiated work on a Site Inspection												P Progress in FY10:											
for FY11-FY12:	Execute a Site Inspection and beg	gin work o	n a Remedial Investigation if	warranted	by the findu	igs of the	Site Inspect	ion.			MMK		ss Planned Y11-FY12:	No MMRP	sites identifie	d.								
FORMERLY U	USED DEFENSE SITI	ES - SO	CHILLING AFB FA	AC S-8 /	KS7979	9F031	000																	
	IRP Sites and MRSs by C	Classific	ation		Study	1	0	1	0	0	0			\$57	\$0	\$33	\$0	\$140	\$0	\$0	\$0	FY13	\$277	
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$C	\$0	FY14	\$3	
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0			\$10	\$0	\$0	\$0	\$0	\$0	so	\$0	FY15	\$1,088	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	0			\$27	\$0	\$0	\$0	\$0	\$0	so	\$0	FY16	\$2,924	
Low	1 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	FY11-Comp	. IRP	\$11,
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	0			\$4	\$0	\$0	\$0	\$0	\$0			FY11-Comp		
Not Required	o MRSPP-5	0	No Longer Required	0		nal RC:	FY 201	9	MRS Fin	al RC: F	7 -		Total	\$98	\$0	\$33	\$0	\$140	\$0	so		FY11-Comp		\$11,
Total IRP Sites	2 MRSPP-6	0	Total MRSs	0				-														P		
	nitiated work on a Site Inspection			ject Plannir	g meeting v	ith the Sta	ate and EPA	۸.				MMR	P Progress in FY10:	No MMRP	sites identifie	d.								
			n a Remedial Investigation if			64					ммрі	D Duo ou o	ss Planned	V 1000		1								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installatio	n / FFID / NPL or Prope	osed NI	L / BF	RAC Y	ear / l	RAB /	CTC I	Delta f	rom F	Y09*										
		•		Com	pleted	Und	erway	Fut	ture	FY10	Schedule	Costs Through	FY10	Funds	FY11 E	xecution	FY12	Planning			
			Phase				MMRP			Imp	oact**	FY10 (\$000)	Obligat	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
			11111	1111			ctions)		.,		MMRP	IRP MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Kansas																					
_	V LICED DEFENCE CIT	ES - SCHILLING AFB-FAC S	2-11 / KS7	0700F03	1300																
FORMERL			_	_	0	l 1	0	0	0			\$698 \$6	S1	9 80	\$100	\$0	\$114	60	EX712	\$179	5
n a 1.1	IRP Sites and MRSs by 0	Classification	Study			0(0)	0	0	0	-		\$698 \$0 \$190 \$0							FY13 FY14	\$179	
Response Complete High	1 Response Complete 0 MRSPP-1	0 MRSPP-7	0 Design	1(1) 1	0(0)	0(0)	0(0)	1	0	-		\$4 \$0							FY14 FY15	\$1,628	
Medium	1 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	0	0	1	0	-		\$27 \$0	_			\$0	_		FY16	\$1,628	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-C	+	0	0	0	<u>'</u>	0								_		FY11-Comp		\$11,2
Not Evaluated	0 MRSPP-4	0 No Known/Suspected		+	0	0	0	1	0	_						\$0 \$0		_	FY11-Comp		\$11,2
Not Required	0 MRSPP-5	No Longer Required	0 LTM	•			) )	100.0			m	\$1 \$0 \$920 \$6				\$0			FY11-Comp		\$11,2
	2 MRSPP-6			Final RC:	FY 202	0	MRS Fina	al RC: F	Y -		Total	\$920 \$0	\$1	\$ \$0	\$100	\$0	\$114	\$0	F Y 11-Comp	iete	\$11,2
Total IRP Sites		0 Total MRSs	0																		
in FY1	0:	on in 4th Qtr. Executed a Technical Project Pl									in FY10:	No MMRP sites identif									
IRP Progress Planne for FY11-FY1		gin work on a Remedial Investigation if warra	nted by the fir	dings of the	Site Inspect	ion.			MMR		ss Planned /11-FY12:	No MMRP sites identif	ied.								
FORMERL	Y USED DEFENSE SIT	ES - SCHILLING AFB-FAC S	S-2 / KS79	799F030	400																
	IRP Sites and MRSs by 0	Classification	Study	0	0	1	0	0	0			\$850 \$6	\$36	2 \$0	\$225	\$0	\$47	\$0	FY13	\$1,685	
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$0	s	) \$0	\$0	\$0	SO	\$0	FY14	\$24	
High	1 MRSPP-1	0 MRSPP-7	0 Design	<b>n</b> 0	0	0	0	1	0			\$0 \$0	\$	) \$0	\$0	\$0	\$0	\$0	FY15	\$125	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	1	0			\$0 \$0	\$	\$0	\$0	\$0	\$0	\$0	FY16	\$600	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-C	0	0	0	0	1	0			\$0 \$0	\$	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$11,8
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	1	0			\$0 \$0	\$	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP	Final RC:	FY 201	7	MRS Fin	al RC: F	Υ -		Total	\$850 \$6	\$36	2 \$0	\$225	\$0	\$47	\$0	FY11-Comp	lete	\$11,8
Total IRP Sites	1 MRSPP-6	0 Total MRSs	0																		
in FY1	ed Execute a Site Inspection and be	n in 4th Qtr. Executed a Technical Project Pl gin work on a Remedial Investigation if warra							MMR	P Progre	in FY10:	No MMRP sites identif									
FORMERL	Y USED DEFENSE SIT	ES - SCHILLING AFB-FAC S	5-3 / KS79	799F030	500				J												
	IRP Sites and MRSs by 0	Classification	Study	1	0	1	0	0	0			\$53 \$0			\$140	\$0			FY13	\$250	
Response Complete	1 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$0	\$	\$0	\$0				FY14	\$13	
High	0 MRSPP-1	0 MRSPP-7	0 Design	1 l	0	0	0	1	0			\$10 \$0	\$	\$0	\$0	\$0	\$0	\$0	FY15	\$645	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-0	1	0	0	0	1	0			\$1 \$0	\$	\$0	\$0	\$0	\$0		FY16	\$1,518	
Low	1 MRSPP-3	0 Evaluation Pending	0 RA-C	0	0	0	0	1	0			\$0 \$0	s	) \$0	\$0	\$0	\$(		FY11-Comp		\$10,0
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	1	0	0	0	1	0			\$0 \$0	s	50 \$0	\$0	\$0	so	\$0	FY11-Comp	. MMRP	
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP	Final RC:	FY 202	0	MRS Fina	al RC: F	Y -		Total	\$64 \$6	\$3	5 \$0	\$140	\$0	\$0	\$0	FY11-Comp	lete	\$10,6
Total IRP Sites	2 MRSPP-6	0 Total MRSs	0																		
in FY1	0:	on in 4th Qtr. Executed a Technical Project Pl									in FY10:	No MMRP sites identif									
IRP Progress Planne for FV11-FV1		gin work on a Remedial Investigation if warra	nted by the fir	dings of the	Site Inspect	ion.			MMR		ss Planned	No MMRP sites identifi	ied.								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

					Comi	oleted	Unde	erway	Fut	ure	FY10 S	chedule	Costs Th	rough	FY10	Funds	FY11 Ex	ecution	FY12 F	Planning			
			PI	hase				MMRP			-	act**	FY10 (S		Obligate	ed (\$000)	Planned			te (\$000)	Estima	ted Costs	(\$000)
			1	hase	1101		Sites (A		1101			MMRP	IRP N	MMRP	IRP	MMRP	IRP I	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Kansas																							
FORMERLY	USED DEFENSE SITES	S - SCHILLING AFB-FA	C S-5 / K	KS7979	99F0307	700																	
	IRP Sites and MRSs by Cla	assification	s	Study	1	0	1	0	0	0			\$3,884	\$0	\$123	\$0	\$70	\$0	\$0	\$0	FY13	\$377	\$
Response Complete	1 Response Complete	0	1	IRA	1(1)	0(0)	0(0)	0(0)					\$190	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,851	\$0
High	1 MRSPP-1	0 MRSPP-7	0 D	Design	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$64	\$0	\$410	\$0	FY15	\$126	\$
Medium	0 MRSPP-2	0 F	RA-C	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$155	\$	
Low	0 MRSPP-3	0 Evaluation Pending	0 F	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	IRP	\$10,51
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 I	LTM	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	MMRP	\$
Not Required	0 MRSPP-5	0 No Longer Required	0	IRP Fi	nal RC:	FY 201:	5 ]	MRS Fina	ıl RC: FY	7 -		Total	\$4,074	\$0	\$123	\$0	\$134	\$0	\$410	\$0	FY11-Comp	lete	\$10,51
Total IRP Sites	2 MRSPP-6	0 Total MRSs	0																			•	
for FY11-FY12:											for FY	11-FY12:											
FORMERLY	USED DEFENSE SITES	S - SCHILLING AFB-FA	C S-7 / K	XS7979	99F0309	900																	
	IRP Sites and MRSs by Cla	assification	S	Study	1	0	1	0	0	0			\$49	\$0	\$37		\$140	\$0	\$0		FY13	\$250	\$
Response Complete	1 Response Complete	0	1	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$14	\$
High	0 MRSPP-1	0 MRSPP-7	0 D	Design	1	0	0	0	1	0			\$6	\$0	\$0		\$0	\$0	\$0	\$0	FY15	\$726	\$
Medium	1 MRSPP-2	0 MRSPP-8	0 F	RA-C	1	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$726	\$
Low	0 MRSPP-3	0 Evaluation Pending	0 F	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$10,92
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 I	LTM	1	0	0	0	1	0			\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	MMRP	\$
Not Required	0 MRSPP-5	0 No Longer Required	0	IRP Fi	nal RC:	FY 202	0 ]	MRS Fina	d RC: FY	7 -		Total	\$61	\$0	\$37	\$0	\$140	\$0	\$0	\$0	FY11-Comp	lete	\$10,92
Total IRP Sites	2 MRSPP-6	0 Total MRSs	0																				
IRP Progress in FY10:	Initiated work on a Site Inspection is	n 4th Qtr. Executed a Technical Project	ct Planning n	meeting w	vith the Sta	te and EPA					MMRP	Progress in FY10:	No MMRP si	tes identifie	ed.								
m r 110.																							

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

					Phase		pleted MMRP		erway MMRP	Futu IRP N			Schedule act**	Costs Th FY10 (\$			Funds ed (\$000)				Planning ite (\$000)	Estimate	ed Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP M	<b>IMRP</b>	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Kentucky																								
FORMERLY	USED DEFENSE SIT	ES - C	AMP BRECKINRII	GE / K	XY49799	F34840	00																	
<b>Y</b>	IRP Sites and MRSs by C	Classific	ation		Study	1	0	2	1	0	0			\$1,076	\$248	\$432	\$0	\$280	\$584	\$506	5 \$0	FY13	\$25	
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$119	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	2	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$467	
Medium	0 MRSPP-2	1	MRSPP-8	0	RA-C	0	0	0	0	2	1			\$120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. II	RP	\$5,3
	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. M	MMRP	\$18,9
Not Evaluated	-													\$1,196	\$248	\$432	\$0						to	\$24,3
	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	9 1	MRS Fina	al RC: FY	2028		Total	\$1,196	\$240	\$432	\$0	\$280	\$584	\$506	\$0	FY11-Complet	ie	\$24,3
Not Required  Total IRP Sites  IRP Progress	3 MRSPP-6 Scoping mtg held to plan gatherin	Sites 3 MRSPP-6 0 Total MRSS 1  IRP Progress Scoping mtg held to plan gathering contamination data at selected locations at the site. UFP QAPP prepared/edited in concert with the installation in FY10: stakeholders. ROEs were obtained from current property owners.    MMIP Progress Planned   Perform geophysical sensing and media sampling and analysis at selected locations of the former installation. Generate an installation report for review FY11-FY12: by the Kentucky Division of Waste Management and interested stakeholders. Generate relative risk data.																					ie	\$24,3
Not Required Total IRP Sites IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	3 MRSPP-6  Scoping mtg held to plan gatherin stakeholders. ROEs were obtained by the Kentucky Division of Was	d from cu media sa te Manag	Total MRSs intation data at selected location rent property owners.  mpling and analysis at selected ement and interested stakehold	l locations o ders. Genera	of the former ate relative	.PP prepare er installati risk data.	ed/edited in	concert with	h the install:	ation		Progres	Progress in FY10:	There was no	MMRP wor	rk planned	for FY 10. The	e MMRP SI					tte	Ф244 <sub>3</sub> 3
Not Required Total IRP Sites IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	3 MRSPP-6 Scoping mtg held to plan gatherin stakeholders. ROEs were obtained by the Kentucky Division of Was USED DEFENSE SIT	media sa te Manag	Total MRSs ination data at selected location rent property owners.  mpling and analysis at selected tement and interested stakehole  ENTUCKY ORDNA	l locations o ders. Genera	of the formate relative	.PP prepare er installati risk data.	ed/edited in	concert with	h the install:	ation		Progres	Progress in FY10:	There was no	MMRP wor	rk planned tiate remed	for FY 10. The	e MMRP SI	for the propert	ty was con	mpleted in FY	2007.		
Not Required  Total IRP Sites  IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY	3 MRSPP-6 Scoping mtg held to plan gatherin stakeholders. ROEs were obtained by the Kentucky Division of Was USED DEFENSE SITURP Sites and MRSS by C	media sa te Manag	Total MRSs ination data at selected location rent property owners.  mpling and analysis at selected tement and interested stakehole  ENTUCKY ORDNA	l locations o ders. Genera	of the former ate relative	PP preparer installati risk data.	ed/edited in ion. General	e an installa	h the installation report	ation		Progres	Progress in FY10:	There was no  If funding is a	MMRP wor available init	rk planned tiate remed	for FY 10. The	e MMRP SI on effort.	for the propert	ty was con	npleted in FY	2007. FY13	\$9,199	
Not Required  Total IRP Sites  IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY  Response Complete	3 MRSPP-6 Scoping mtg held to plan gatherin stakeholders. ROEs were obtained by the Kentucky Division of Was USED DEFENSE SIT	media sa te Manag	Total MRSs ination data at selected location rent property owners.  mpling and analysis at selected tement and interested stakehole  ENTUCKY ORDNA	l locations of ders. Genera	of the formate relative	.PP prepare er installati risk data.	ed/edited in	concert with	h the install:	ation		Progres	Progress in FY10:	There was no	MMRP wor	rk planned tiate remed	for FY 10. The	e MMRP SI	for the propert	ty was con	mpleted in FY  So So So	FY13 FY14		
Not Required Total IRP Sites IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	3 MRSPP-6  Scoping mg held to plan gatherin stakeholders. ROEs were obtained by the Kentucky Division of Was  USED DEFENSE SITI  IRP Sites and MRSs by Care and	media sa te Manag	Total MRSs ination data at selected location rent property owners.  mpling and analysis at selected ment and interested stakehold  ENTUCKY ORDNA ation	ANCE W	of the formate relative  WORKS  Study  IRA	PP prepare er installati risk data.	9799F34 0 0(0)	e an installa  19600  2  0(0)	h the installation report	for review		Progres	Progress in FY10:	There was no If funding is a \$5,311 \$855	MMRP wor	rk planned tiate remed \$47	for FY 10. The	e MMRP SI on effort. S690 S0	for the propert	\$419	9 \$0 0 \$0 0 \$0	2007. FY13	\$9,199 \$1,984	
Not Required  Total IRP Sites  IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY  Response Complete  High  Medium	3 MRSPP-6 Scoping mtg held to plan gatherin stakeholders. ROEs were obtained by the Kentucky Division of Was  USED DEFENSE SITI IRP Sites and MRSS by C 4 Response Complete 3 MRSPP-1	media sa te Manag	Total MRSs ination data at selected location rent property owners.  mpling and analysis at selected ement and interested stakehole  ENTUCKY ORDNA ation  MRSPP-7	ANCE W	of the formate relative  WORKS  Study  IRA  Design	PP prepare er installati risk data.	9799F34 0 0(0) 0	e an installa  19600  2  0(0)	h the installation report  1 0(0) 0	ation for review  0		Progres	Progress in FY10:	There was no If funding is a \$5,311 \$855 \$63	MMRP wor available init	rk planned tiate remed \$47 \$0	for FY 10. The	so MMRP SI so MMRP SI	so so so	\$419 \$0 \$0	9 \$0 \$0 \$0 \$0 \$0 \$0 \$2 \$0 \$0	FY13 FY14 FY15	\$9,199 \$1,984 \$6,687 \$0	\$42,4
Not Required  Total IRP Sites  IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY  Response Complete High  Medium  Low	3 MRSPP-6 Scoping mtg held to plan gatherin stakeholders. ROEs were obtained by the Kentucky Division of Was  USED DEFENSE SITI IRP Sites and MRSs by C 4 Response Complete 3 MRSPP-1 0 MRSPP-2	media sa te Manag	Total MRSs ination data at selected location rent property owners.  mpling and analysis at selected ment and interested stakehold  ENTUCKY ORDNA ation  MRSPP-7  MRSPP-8	ANCE W	of the formate relative  WORKS  Study IRA Design RA-C	PP prepare er installati risk data.  S / KY4.  5 1(1)  3 2	9799F34 0 0(0) 0	e an installa  19600 2 0(0) 0 1	h the installation report  1 0(0) 0	of or review 0 2 2 2	0 1 1 1	Progres	Progress in FY10:	There was no  If funding is a  \$55,311  \$855  \$63  \$2,974	MMRP working wallable init	state remed	for FY 10. The	\$690 \$0 \$284	50 50 50 50	\$419 \$0 \$0 \$2,572	9 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0	FY13 FY14 FY15 FY16	\$9,199 \$1,984 \$6,687 \$0	\$42,4
Not Required  Total IRP Sites  IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY  Response Complete  High	3 MRSPP-6 Scoping mtg held to plan gatherin stakeholders. ROEs were obtained by the Kentucky Division of Was  USED DEFENSE SITI IRP Sites and MRSs by C 4 Response Complete 3 MRSPP-1 0 MRSPP-2 0 MRSPP-3	media sa te Manag	Total MRSs ination data at selected location rent property owners.  mpling and analysis at selected ement and interested stakehold  ENTUCKY ORDNA ation  MRSPP-7  MRSPP-8  Evaluation Pending	ANCE W	of the formate relative  WORKS  Study IRA Design RA-C RA-O LTM	s.PP prepare er installati risk data.	9799F34 0 0(0) 0 0	2 0(0) 0 1 0 2	1 0(0) 0 0 0	of or review 0 2 2 2	0 1 1 0 1 1	Progres	Progress in FY10:	There was no  If funding is a  \$5,311  \$855  \$63  \$2,974  \$0	MMRP wor	rk planned tiate remed \$47 \$0 \$336	so so so so so so so so so so so so so s	son effort.  \$690 \$0 \$284 \$0	50 50 50 50 50	\$419 \$0 \$0 \$2,572	9 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0	FY13 FY14 FY15 FY16 FY11-Comp. II	\$9,199 \$1,984 \$6,687 \$0 RP	

IRP Progress Planned Media sampling and analysis is to be performed at former explosives production areas in cooperation with with the Commonwealth of Kentucky for FY11-FY12: Division of Waste Management and the Department of Fish and Wildlife Resources.

MMRP Progress Planned The MMRP SI for the property was completed in FY 2007. No MMRP work is planned for the next two fiscal years.

for FY11-FY12:

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

\*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	nponent - Installati	on / F	FID / NPL or Pi	ropose	ed NPI	4 / BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*											
	<u> </u>			1			pleted		erway	Fut		FY10 S	chedule	Costs T		FY10					Planning	P. 4	. 10 .	(4000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	d (\$000)	Planne	1 (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Louisiana																								
ARMY - FO	ORT POLK / LA621402	071600																						
	IRP Sites and MRSs by		eation		Study	27	8	7	3	0	0			\$9,866	\$1,367	\$794	\$1,012	\$359	\$0	\$0	\$0	FY13	\$954	\$15
Response Complete	23 Response Complete		3		IRA	4(6)	0(0)	0(0)	0(0)					\$5,405	\$0		\$0	\$313	\$0	\$0		FY14	\$909	\$14:
High	0 MRSPP-1	(	MRSPP-7	0	Design	7	0	1	0	3	3			\$380	\$0	\$0	\$0	\$81	\$120	\$0	\$0	FY15	\$834	\$14
Medium	0 MRSPP-2	(	MRSPP-8	0	RA-C	7	0	1	0	4	3			\$9,827	\$0	\$0	\$0	\$0	\$0	\$3,271	\$1,717	FY16	\$810	\$15
Low	0 MRSPP-3	(	Evaluation Pending	0	RA-O	1	0	2	0	5	3			\$275	\$0	\$47	\$0	\$144	\$0	\$146	\$0	FY11-Comp.	IRP	\$13,34
Not Evaluated	9 MRSPP-4	(	No Known/Suspected	0	LTM	1	0	2	0	11	3			\$2,762	\$0	\$288	\$0	\$276	\$0	\$285	\$0	FY11-Comp.	MMRP	\$3,07
Not Required	2 MRSPP-5	3	No Longer Required	8	IRP F	nal RC:	FY 201	7	MRS Fina	al RC: FY	7 2017		Total	\$28,515	\$1,367	\$1,129	\$1,012	\$1,173	\$120	\$3,702	\$1,717	FY11-Compl	lete	\$16,42
Total IRP Sites	34 MRSPP-6	(	Total MRSs	11	Five-Y	ear Revie	w Compl	leted and	Planned fo	r Future												-		
IRP Progres in FY1  IRP Progress Plann- for FY11-FY1	ned No actions planned.										MMRI	Progres	in FY10:	No progress										
AIR FORC	E - BARKSDALE AIR	FORCE	E BASE / LA657212	405000	/ BRAC	2005 R	ealignn	ient / R	AB / C-E	EST	<u>'</u>													
	IRP Sites and MRSs by				Study	38	15	10	12	26	0			\$9,723	\$6,203	\$0	S0	\$0	\$2,752	\$0	\$1.090	FY13	\$1,244	\$1,63
Response Complete	33 Response Complete		A Lation		IRA	11(15)	0(0)	7(7)	0(0)		-			\$10,985	\$107	\$327	\$107	\$0	\$53	\$0		FY14	\$980	\$94
High	0 MRSPP-1		MRSPP-7	Ι ο	Design	4	0	0	0	10	12	1		\$261	\$107	\$0	\$0	\$822	\$0	\$0		FY15	\$12,143	\$113
Medium	0 MRSPP-2		MRSPP-8	0	RA-C	4	0	0	0	10	12			\$2,265	\$0	\$0	\$0	\$0	\$0	\$2,935		FY16	\$909	\$100
Low	6 MRSPP-3		Evaluation Pending	17	RA-O	8	0	4	0	7	12			\$5,163	\$0	_	\$0	\$0	\$0	\$492		FY11-Comp.		\$20,98
Not Evaluated	31 MRSPP-4		No Known/Suspected	0	LTM	20	0	1	0	2	12			\$4,560	\$0		\$0	\$0	\$0	\$0		FY11-Comp.		\$17,15
Not Required	4 MRSPP-5	(	No Longer Required	10			FY 201	9	MRS Fina	IRC: FX			Total	\$32,957	\$6,310	\$327	\$107	\$822	\$2,805	\$3,427		FY11-Compl		\$38,13
Total IRP Sites	74 MRSPP-6	(	Total MRSs	27				d for Fut			2011			,,,,,	, , , , .				. , ,	,				
in FY1	ned Remedial Design is planned fo			emedial acti	ion at Site P	R-052.					MMRI	Progres	in FY10:			al basewide C		Report. All l	MMRP Sites	were scored	l under the MF	SPP requirement.		
FORMERL	LY USED DEFENSE SI	ΓES - B	REEZY HILL ART	LY RG	7 / LA69	799F01	3600																	
	IRP Sites and MRSs by	Classific	cation		Study	0	0	0	1	0	0			\$0	\$585	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	0 Response Complete	. (			IRA	0(0)	0(0)	0(0)	1(1)				FUND	\$0	\$50	\$0	\$50	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0 MRSPP-1	(	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 MRSPP-2	(	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0 MRSPP-3	(	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$
Not Evaluated	0 MRSPP-4	(	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$28,94
Not Required	0 MRSPP-5	(	No Longer Required	0	IRP F	nal RC:	FY -		MRS Fina	al RC: FY	2051		Total	\$0	\$635	\$0	\$50	\$0	\$0	\$0	\$0	FY11-Compl	lete	\$28,94
Total IRP Sites	0 MRSPP-6	(	Total MRSs	1														_						
in FY1	ned No IRP sites identified.				_						MMRI	Progres	in FY10:	Award contr	nitiated in S					rotect huma	nd health and t	he environmental fr	om MEC. Sco	ping for that

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installatio	n / FI	FID / NPL or Pro	opose	ed NPI	/BR	AC Y	ear / I	RAB /	CTC D	elta f	rom F	Y09*									_		
							pleted		erway	Fut	-			Costs Th		FY10					Planning	Fetimo	ted Costs	(\$000)
					Phase	IRP			MMRP	IRP 1	MMRP	ımp	act**	FY10 (	\$000)	Obligate	a (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Listina	icu costs	(φοσο)
								Sites (A	ctions)			IRP	MMRP	IRP I	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
Louisiana																								
FORMERL	Y USED DEFENSE SIT	ES - C	AMP CLAIBORNE	/ LA69	9 <b>7</b> 99F01.	3400																		
<b>-</b>	IRP Sites and MRSs by (	Classific	ation		Study	2	0	0	1	0	0	TECH	TECH	\$488	\$2,217	\$0	\$19	\$0	\$104	\$0	\$268	FY13	\$0	
Response Complete	2 Response Complete	0			IRA	1(1)	1(1)	0(0)	0(0)					\$1,109	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1			\$310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	1	0	0			\$2,256	\$7,411	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$10,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 200	7	MRS Fina	ıl RC: FY	2069		Total	\$4,163	\$9,628	\$0	\$19	\$0	\$104	\$0	\$268	FY11-Comp	lete	\$10,
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1	Five-Ye	ar Revie	ew Planne	d for Futu	ıre															
IRP Progress in FY10 IRP Progress Planne for FY11-FY12	ed No actions planned.										MMRI	Progres	in FY10:	RI/FS work p				sues.						
FORMERL	Y USED DEFENSE SIT	ES - C	AMP LIVINGSTON	/ LA6	9799F01	3500																		
	IRP Sites and MRSs by C	Classific	ation		Study	1	0	0	1	1	0			\$13	\$355	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	1			\$502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	0	1			\$595	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$6,9
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$36,
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 206	7	MRS Fina	d RC: FY	2055		Total	\$1,110	\$355	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$43,0
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1																				
IRP Progres in FY10 IRP Progress Planne for FY11-FY12	ed No actions planned.										MMRI	Progres	in FY10:	No progress										
FORMERL	Y USED DEFENSE SIT			NG RA																		ı		
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0	<u> </u>		\$0	\$256	\$0		\$0	\$0	\$0		FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)			<u> </u>		\$0	\$0	\$0		\$0	\$0	\$0		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	_	\$0	\$0	\$0	_	FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1	<u> </u>		\$0	\$0	\$0	_	\$0	\$0	\$0		FY11-Comp		\$17,
Not Required	0 MRSPP-5 0 MRSPP-6	0	No Longer Required	0	IRP Fi	nal RC:	FY -	]	MRS Fina	ıl RC: FY	2074		Total	\$0	\$256	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$17,
IRP Sites IRP Progres	SS No IRP sites identified.	0	Total MRSs	1	<u> </u>							MMRF	Progress in FY10:	No progress	reported.									
IRP Progress Planne for FY11-FY12	ed No IRP sites identified. 2:										MMRI		s Planned 11-FY12:	No actions p	lanned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-0 Statu	is of mistaliations	s with FY11 to Comple	etion (	ost r	Suma	ie G	reater	1 nan	\$10,0	000,00	<i>J</i> U	_						Detei	ise Envir	ronmental Re	estoration	Program
DoD Comp	onent - Installatior	n / FFID / NPL or Propos	sed NP	L/BR	AC Y	ear / ]	RAB/	CTC D	elta f	rom F	Y09*											
					pleted		lerway	Fut			Schedule act**	Costs T FY10	hrough		Funds d (\$000)		xecution d (\$000)		Planning te (\$000)	Estima	ited Costs	(\$000)
			Phase	IRP			MMRP	IRP	MMRP								. (1 )					. ,
						Sites (F	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<u>Maine</u>																						
NAVY - BRU	NSWICK NAS / ME11'	7002201800 / NPL / RAB / C-ES	ST																			
	IRP Sites and MRSs by C	lassification	Study	25	1	0	2	0	0			\$12,665	\$3,947	\$0	\$765	\$164	\$0	\$0	\$0	FY13	\$324	
Response Complete	15 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$7,626	\$0	\$2,131	\$0	\$0	\$0	\$0	\$0	FY14	\$1,410	\$3,9
High	0 MRSPP-1	0 MRSPP-7	0 Design		0	0	0	0	0			\$2,365	\$0	\$0		\$105	\$0	\$0		FY15	\$323	
Medium	0 MRSPP-2	0 MRSPP-8	1 RA-C	0	0	0	0	0	0			\$36,817	\$0	\$0	\$0	\$0	\$810	\$0		FY16	\$2,667	
Low	1 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	0	0			\$26,744	\$161	\$1,246	\$0	\$1,280	\$0	\$417		FY11-Comp		\$37,7
Not Evaluated	0 MRSPP-4	1 No Known/Suspected	0 LTM	0	0	0	0	0	0			\$1,536	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$7,6
Not Required	9 MRSPP-5	No Longer Required	0 IRP I	inal RC:	FY 204	1	MRS Fina	al RC: FY	Y 2017		Total	\$87,753	\$4,108	\$3,377	\$765	\$1,549	\$810	\$417	\$0	FY11-Comp	lete	\$45,39
Total IRP Sites	25 MRSPP-6	1 Total MRSs	3 Five-	ear Revi	ew Compl	eted and	Planned fo	or Future														
IRP Progress in FV10:																						
m 1 110.	IRP Progress Refer to Page F-126. in FY10:  MMRP Progress Refer to Page F-126. in FY10:																					
	IRP Progress Refer to Page F-126. in FY10:  MMRP Progress Refer to Page F-126. in FY10:  MMRP Progress Refer to Page F-126.  MMRP Progress Planned Refer to Page F-126.																					
for FY11-FY12:										for FY	11-FY12:											
_																						
NAVY - CUT	LER NCTS / ME11700	2435500																				
	IRP Sites and MRSs by C	lassification	Study	2	0	4	0	3	0	REG		\$8,304	\$0	\$917	\$0	\$0	\$0	\$964	\$0	FY13	\$74	\$
Response Complete	0 Response Complete	0	IRA	3(7)	0(0)	0(0)	0(0)					\$9,514	\$0	\$769	\$0	\$0	\$0	\$526	\$0	FY14	\$4,505	\$
High	3 MRSPP-1	0 MRSPP-7	0 Design	1	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$4,019	5
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	1	0	0	0	3	0			\$702	\$0	\$0	\$0	\$718	\$0	\$0		FY16	\$7,538	5
Low	0 MRSPP-3	Evaluation Pending	0 RA-O	0	0	0	0	3	0			\$0	\$0	\$0	\$0	\$0	\$0	\$42		FY11-Comp		\$20,98
Not Evaluated	5 MRSPP-4	0 No Known/Suspected	0 LTM	1	0	0	0	3	0			\$78	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
Not Required	1 MRSPP-5	0 No Longer Required	0 IRP I	inal RC:	FY 203	6	MRS Fina	al RC: FY	Y -		Total	\$18,598	\$0	\$1,686	\$0	\$718	\$0	\$1,532	\$0	FY11-Comp	lete	\$20,98
Total IRP Sites	9 MRSPP-6	0 Total MRSs	0																			
IRP Progress	Prepared for Site 4 RI by developi	ng DQOs; Removed metal debris from Site 2	& continued	RI; Continu	ed Site 3 ho	t spot rem	oval; Comple	ted Site 1		MMRI	Progress	No MMRP	sites identifi	ed.								
in FY10:	IRA; Conducted regular mtgs/call	s; and Continued assessing AOCs.									in FY10:											
IDD Drogress Dlanned	G 1 . 63 . 1 . 2 . DD . G	lete Site 2 IRA, prepare Site 2 DD & prepare fo	G: 2 DD	G	4 DI C		(CI 0 1 T	T	ммрі	D Drogres	s Planned	N. MARD	-1411416	. 1								
for FY11-FY12:	sites and continued assessing AOC	cs; Conduct regular mtgs/calls.	r Site 2 KD;	Continue S	ite 4 KI; Coi	npiete PA.	SI & begin is	at new	MINIM		11-FY12:	NO MMKP	sites identifi	ea.								
NAVY - POR	TSMOUTH NSY / ME	117002201900 / NPL / RAB																				
<b>-</b>	IRP Sites and MRSs by C	lassification	Study	28	1	6	0	0	0	REG	REG	\$22,377	\$107	\$220	\$0	\$1,716	\$0	\$298	\$0	FY13	\$4,850	5
Response Complete	25 Response Complete	0	IRA	5(6)	0(0)	3(3)	0(0)			REG	REG	\$28,637	\$0	\$966	\$0	\$547	\$0	\$512		FY14	\$3,426	:
High	6 MRSPP-1	0 MRSPP-7	0 Design	2	0	1	0	1	0	REG	REG	\$504	\$0	\$0	\$0	\$142	\$0	\$0		FY15	\$1,278	:
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	2	0	2	0	2	0	REG	REG	\$4,850	\$0	\$155	\$0	\$985	\$0	\$2,038		FY16	\$1,021	
Low	1 MRSPP-3	0 Evaluation Pending	1 RA-O	1	0	1	0	3	0			\$856	\$0	\$130	\$0	\$0	\$0	\$574		FY11-Comp	. IRP	\$31,20
Not Evaluated	o MRSPP-4	0 No Known/Suspected	0 LTM	1	0	0	0	7	0			\$50	\$0	\$0	\$0	\$0	\$0	\$61		FY11-Comp		
Not Required	2 MRSPP-5	0 No Longer Required		inal RC:	FY 203		MRS Fina	al RC: FY			Total	\$57,274	\$107	\$1,471	\$0	\$3,390	\$0	\$3,483		FY11-Comp		\$31,20
Total IRP Sites	34 MRSPP-6	0 Total MRSs	_				Planned fo															
IRP Progress	Refer to Page F-154.									MMRI	Progress	Refer to Pag	ge F-154									
in FY10:											in FY10:		B 10 1.									
TODO DI I																						

MMRP Progress Planned Refer to Page F-154.

for FY11-FY12:

IRP Progress Planned Refer to Page F-154. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatio	n / FI	FID / NPL or Pro	opose	ed NPI	/ BR	AC Y	ear / F	RAB /	CTC D	elta f	rom F	Y09*											
							pleted		erway	Fut	-			Costs Tl		FY10 Obligate					Planning ate (\$000)	Fetima	ted Costs	(0002)
					Phase	IRP				IRP 1	MMRP	ımp	act**	FY10 (	\$UUU)	Obligate	ea (\$000)	Planne	a (\$000)	Estima	ite (\$000)	Listina	icu costs	(ψοσο)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Maine																								
<b>▲</b> AIR FORCE	- LORING AFB / ME1	570024	152200 / NPL / BRAC	C 1991	/ RAB /	C-EST																		
<u> </u>	IRP Sites and MRSs by C	Classific	ation		Study	64	8	0	0	0	0			\$18,940	\$0	\$0	\$0	\$0	\$0	S	0 \$0	FY13	\$0	
Response Complete	53 Response Complete	8			IRA	33(37)	0(0)	0(0)	0(0)					\$6,322	\$0	\$0	\$0	\$0	\$0	\$(	0 \$0	FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	0	0			\$3,727	\$0	\$0	\$0	\$0	\$0	\$(	0 \$0	FY15	\$0	
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	14	1	0	0	0	0			\$68,927	\$0	\$0	\$0	\$0	\$0	S	0 \$0	FY16	\$0	
ow	o MRSPP-3	0	Evaluation Pending	0	RA-O	9	0	11	0	0	0			\$38,790	\$0	\$0	\$0	\$0	\$0	\$3,694	4 \$0	FY11-Comp	. IRP	\$17
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	11	0	0	0			\$4,482	\$0	\$0	\$0	\$0	\$0	\$2,260	0 \$0	FY11-Comp	. MMRP	
Not Required	11 MRSPP-5	0	No Longer Required	8	IRP Fi	nal RC:	FY 299	9 ]	MRS Fina	al RC: FY	1999		Total	\$141,188	\$0	\$0	\$0	\$0	\$0	\$5,95	4 \$0	FY11-Comp	lete	\$17
Total IRP Sites	64 MRSPP-6	0	Total MRSs	8	Five-Y	ear Revie	ew Compl	leted and l	Planned fo	or Future														
IRP Progress Planned for FY11-FY12:	Refer to Page F-106.										MMRI	Progres	in FY10:	Refer to Pag Refer to Pag										
FORMERLY	USED DEFENSE SIT	ES - D	EBLOIS PREC BON	MB RN	IG / ME	19 <b>7</b> 99F	207400																	
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$186	\$0	\$0	\$0	\$0	S	0 \$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	S		FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY15	\$0	
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$I	0 \$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$I	0 \$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$(	0 \$0	FY11-Comp	. MMRP	\$10
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	]	MRS Fina	al RC: FY	2048		Total	\$0	\$186	\$0	\$0	\$0	\$0	\$6	0 \$0	FY11-Comp	lete	\$10,
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1									•			•		•		•			•
IRP Progress in FY10: IRP Progress Planned for FY11-FY12;	No IRP sites identified.										MMRI	Progres	in FY10:	No work cor		nt upon the a	vailability of	funding. No	work is curr	ently plann	ed.			
FORMERLY	USED DEFENSE SIT	ES - D	OW PREC BMBG R	RNG / I		9F1998	00	-1										1		1				
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0	L		\$0	\$171	\$0			\$0			FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0							FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7		Design	0	0	0	0	0	1			\$0	\$0	-						FY15	\$0	
/ledium	0 MRSPP-2	0	MRSPP-8	0		0	0	0	0	0	1	<u> </u>		\$0	\$0	-						FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	<u> </u>		\$0	\$0					_	_	FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	232.11	0	0	0	0	0	1	<u> </u>		\$0	\$0		-					FY11-Comp		\$16
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	]	MRS Fina	al RC: FY	2052		Total	\$0	\$171	\$0	\$5	\$0	\$0	\$(	0 \$0	FY11-Comp	lete	\$16
IRP Progress in FY10:	0 MRSPP-6 No IRP sites identified.	0	Total MRSs	1								MMRF	Progress in FY10:	The MMRP	SI was final	lized in June	2010. The S	I recommend	ded NDAI for	r the one M	RS.			
IRP Progress Planned for FY11-FY12:											MMRI		s Planned 11-FY12:	The project	will be NDA	AI'd and futu	re costs delete	ed.						

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	ponent - Instal	llation /	FFID / NE	PL or Pr	onose	d NPI	. / BR	AC Y	ear / I	RAR/	СТС Г	elta f	rom F	Y09*											
Dob com	ponent insta	ilution /	11127111	20111	оровс		Comp			erway	Fut			Schedule	Costs T	hrough	FY10	Funds	FY11 Ex	xecution	FY12 I	Planning			
						Phase					IRP		Imp	act**	FY10 (	(\$000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Maryland																									
	BERDEEN PROVI	INC CDO	IIND / MD22	12921255(	10 / NID	T / DAD	/C TE	CH																	
AKWII - AI				130213530	JU / INF				66	17		0			\$250,399	\$7,318	\$988	\$652	\$368	62.150	62.52	62.044	F7874.0	012.045	\$4.098
D 0 1.1	IRP Sites and MI		sification			Study	204	13			0	0			,					\$3,150	\$373 \$0		FY13	\$13,945	. ,
Response Complete	187 Response Con 3 MRSPP-1	mplete	0 MRSPP-7			IRA	87(122) 63	0(0)	4(4) 56	3(3)	8	15	-		\$76,908 \$8,136	\$1,008 \$0	\$0 \$16	\$1,008 \$0	\$0 \$295	\$0 \$0	\$0 \$249		FY14	\$6,241 \$5,686	\$4,736 \$19,348
High Medium			10 MRSPP-8		0	Design	69	0	58	1	8	15			\$222,803	\$0	\$10		\$7,595	\$0	\$6,260		FY15	\$5,080	\$19,348
Low	31 MIKSI I 2			D 15	0	RA-C	69			1	8						-			-			FY16		
Not Evaluated	10 MRSPP-3 7 MRSPP-4		0 Evaluation		5	RA-O	1	0	39	0	1	0			\$39,157	\$0	\$4,983		\$4,669	\$0	\$8,582		FY11-Comp		\$134,16
	9 MRSPP-5			/Suspected	0	LTM	4	0	28	0	24	15			\$8,506	\$0	\$359	_	\$556	\$0	\$1,501		FY11-Comp		\$78,52
Not Required	-		0 No Longer		13	1	nal RC:				al RC: FY	2018		Total	\$605,909	\$8,326	\$6,346	\$1,660	\$13,483	\$3,150	\$16,965	\$4,484	FY11-Comp	lete	\$212,690
Total IRP Sites	270 MRSPP-6		1 Total MR	Ss	30	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future														
IRP Progre in FY10 IRP Progress Planno for FY11-FY1	ed Refer to Page F-11.											MMRI	Progres	Progress in FY10: as Planned 711-FY12:											
ARMY - FO	ORT DETRICK / N	MD321162	2026700 / NPI	L / RAB / (	C-TEC	H																			
	IRP Sites and MI	RSs by Class	sification			Study	43	0	1	0	0	0			\$16,363	\$0	\$6,226	\$0	\$0	\$0	\$3,012	\$0	FY13	\$330	\$0
Response Complete	42 Response Cor	mplete	0			IRA	1(1)	0(0)	1(1)	0(0)					\$26,083	\$0	\$0	\$0	\$3	\$0	\$4	\$0	FY14	\$4,914	\$0
High	0 MRSPP-1		0 MRSPP-7		0	Design	6	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$243	\$0
Medium	1 MRSPP-2		0 MRSPP-8		0	RA-C	8	0	0	0	1	0			\$7,421	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$247	\$0
Low	0 MRSPP-3		0 Evaluation	Pending	0	RA-O	7	0	1	0	1	0			\$723	\$0	\$409	\$0	\$142	\$0	\$144	\$0	FY11-Comp	. IRP	\$11,089
Not Evaluated	0 MRSPP-4		0 No Known	/Suspected	0	LTM	0	0	10	0	2	0			\$504	\$0	\$358	\$0	\$61	\$0	\$76	\$0	FY11-Comp	. MMRP	\$
Not Required	1 MRSPP-5		0 No Longer	Required	0	IRP Fi	nal RC:	FY 202	1	MRS Fina	al RC: FY	7 -		Total	\$51,094	\$0	\$6,993	\$0	\$206	\$0	\$3,236	\$0	FY11-Comp	lete	\$11,089
Total IRP Sites	44 MRSPP-6		0 Total MR	Ss	0	Five-Y	ear Revie	w Compl	eted and	Underway								•			•	•	_		
IRP Progres in FY1  IRP Progress Planne for FY11-FY1	ed Refer to Page F-61.											MMRI	Progres	Progress in FY10: as Planned 711-FY12:											
ARMY - FO	ORT GEORGE G	MEADE /	/ MD32102205	56700 / NP	L/BR	AC 1988	3 / RAB																		
	IRP Sites and MI	RSs by Class	sification			Study	28	8	17	1	0	0			\$38,001	\$1,543	\$1,987	\$26	\$0	\$0	\$0		FY13	\$1,086	\$264
Response Complete	27 Response Con	mplete	8			IRA	0(0)	0(0)	0(0)	0(0)					\$1,819	\$0	\$389	\$0	\$0	\$0	\$0		FY14	\$1,148	\$88
High	10 MRSPP-1		0 MRSPP-7		0	Design	0	0	0	0	0	0			\$2,659	\$1,275	\$0	\$0	\$0	\$0	\$0		FY15	\$893	\$88
Medium	3 MRSPP-2		0 MRSPP-8		0	RA-C	0	0	0	0	0	0			\$51,578	\$1,425	\$0	\$0	\$0	\$0	\$0		FY16	\$734	\$125
Low	5 MRSPP-3		0 Evaluation	Pending	1	RA-O	0	0	0	0	0	0			\$4,290	\$0	\$3,445	\$0	\$866	\$0	\$865	\$0	FY11-Comp	. IRP	\$10,938
Not Evaluated	0 MRSPP-4		0 No Known	/Suspected	0	LTM	0	0	0	0	0	0			\$2,432	\$2,333	\$136	\$187	\$118	\$388	\$98	\$142	FY11-Comp	. MMRP	\$1,700
Not Required	0 MRSPP-5		0 No Longer	Required	8	IRP Fi	nal RC:	FY 202	6	MRS Fina	al RC: FY	2017		Total	\$100,779	\$6,576	\$5,957	\$213	\$984	\$388	\$963	\$142	FY11-Comp	lete	\$12,63
Total IRP Sites	45 MRSPP-6		0 Total MR	Ss	9	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future														
IRP Progre in FY1						•						MMRI		Progress in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Maryland  NAVY - ANNAPOLIS NS / MD317009002200 / C-TECH  IRP Sites and MRSs by Classification  Response Complete  1 Response Complete 0 MRSPP-1 High 0 MRSPP-1 0 MRSPP-7 Medium 1 MRSPP-2 0 MRSPP-8	P		Comp	oleted MMRP	Und	lerway  MMRP Actions)	Fut	ure		chedule	Costs Th		FY10 I			xecution	FY12 I	Planning			
NAVY - ANNAPOLIS NS / MD317009002200 / C-TECH   IRP Sites and MRSs by Classification   Response Complete   1   Response Complete   0   High   0   MRSPP-1   0   MRSPP-7	5			MMRP	IRP	MMRP															
NAVY - ANNAPOLIS NS / MD317009002200 / C-TECH   IRP Sites and MRSs by Classification   Response Complete	5						11(1	**********		acı	FY10 (	\$000)	Obligated	1 (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
NAVY - ANNAPOLIS NS / MD317009002200 / C-TECH   IRP Sites and MRSs by Classification   Response Complete		Study							IRP	MMRP	IRP N	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
NAVY - ANNAPOLIS NS / MD317009002200 / C-TECH   IRP Sites and MRSs by Classification   Response Complete   1   Response Complete   0     High   0   MRSPP-1   0   MRSPP-7		Study										المنسنسة							1 15041 1 041	1141	1/11/11(1
IRP Sites and MRSs by Classification     Response Complete		Study																			
Response Complete         1         Response Complete         0           High         0         MRSPP-1         0         MRSPP-7		Study																			
High 0 MRSPP-1 0 MRSPP-7			2	0	0	1	0	0	REG		\$2,611	\$176	\$0	\$0	\$0	\$0	\$0		FY13	\$140	\$
	0 1	IRA	1(1)	0(0)	0(0)	0(0)					\$1,853	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$142	\$
Medium 1 MRSPP-2 0 MRSPP-8		Design	1	0	0	0	0	1			\$1,119	\$0	\$273	\$0	\$0	\$0	\$0		FY15	\$219	\$
		RA-C	1	0	1	0	0	1			\$7,762	\$0	\$5,230	\$0	\$381	\$0	\$235		FY16	\$147	\$
Low 0 MRSPP-3 0 Evaluation Pending	1 I	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$223		FY11-Comp.		\$2,90
Not Evaluated 0 MRSPP-4 0 No Known/Suspected	0 ]	LTM	0	0	1	0	0	0			\$192	\$0	\$73	\$0	\$80	\$0	\$137		FY11-Comp.		\$15,47
Not Required 0 MRSPP-5 0 No Longer Required	0	IRP Fin	al RC:	FY 2014	4	MRS Fin	al RC: F	2020		Total	\$13,537	\$176	\$5,576	\$0	\$461	\$0	\$595	\$0	FY11-Comp	ete	\$18,37
Total IRP Sites 2 MRSPP-6 0 Total MRSs	1																				
IRP Progress - Initiated Site 1 Remedial Investigation in FY10: - Draft RI Report completed.										Progress in FY10:											
IRP Progress Planned - Finalize RI Report and FS. for FY11-FY12: - Complete Remedial Design Initiate Remedial Action.								MMRI		s Planned 1 111-FY12:	No actions p	lanned.									
NAVY - INDIAN HEAD NSWC / MD317002410900 / NPL / RA	B / C-TI	ECH																			
IRP Sites and MRSs by Classification		Study	63	11	6	21	1	0	FUND	FUND	\$20,772	\$6,275	\$568	\$0	\$476	\$213	\$574	\$2,466	FY13	\$3,446	\$3,65
Response Complete 42 Response Complete 4		IRA	8(14)	0(0)	0(0)	0(0)					\$6,945	\$757	\$0	\$37	\$631	\$0	\$0	\$603	FY14	\$2,927	\$5,23
High 9 MRSPP-1 0 MRSPP-7	1 <b>I</b>	Design	19	0	3	0	5	17	FUND	FUND	\$4,979	\$0	\$184	\$0	\$244	\$0	\$241	\$24	FY15	\$822	\$2,26
Medium 4 MRSPP-2 0 MRSPP-8	7 1	RA-C	6	0	5	2	10	24	FUND	FUND	\$13,341	\$2,395	\$1,493	\$0	\$2,438	\$229	\$2,660	\$0	FY16	\$4,714	\$2,87
Low 4 MRSPP-3 5 Evaluation Pending	0 I	RA-O	0	0	0	0	6	0			\$0	\$0	\$0	\$0	\$300	\$0	\$82	\$0	FY11-Comp.	IRP	\$37,38
Not Evaluated 1 MRSPP-4 3 No Known/Suspected	1 ]	LTM	3	0	4	1	15	10			\$1,817	\$333	\$403	\$0	\$543	\$0	\$848	\$66	FY11-Comp.	MMRP	\$126,61
Not Required 10 MRSPP-5 10 No Longer Required	3	IRP Fin	al RC:	FY 2020	0	MRS Fin	al RC: F	2021		Total	\$47,854	\$9,760	\$2,648	\$37	\$4,632	\$442	\$4,405	\$3,159	FY11-Compl	ete	\$163,99
Total IRP Sites 70 MRSPP-6 2 Total MRSs	32	Five-Yea	ar Reviev	w Comple	eted and	Planned fo	or Future				•										
IRP Progress Refer to Page F-89. in FY10:  IRP Progress Planned Refer to Page F-89. for FY11-FY12:								MMRI	Progress	Progress in FY10:	Ü										
NAVY - PATUXENT RIVER NAS / MD317002453600 / NPL / I	RAB / C	-ТЕСН					_														
IRP Sites and MRSs by Classification		Study	55	0	7	1	2	0			\$14,638	\$962	\$985	\$94	\$1,525	\$0	\$583		FY13	\$4,678	\$
Response Complete 49 Response Complete 0		IRA	8(8)	0(0)	0(0)	0(0)					\$16,843	\$0	\$530	\$0	\$568	\$0	\$0		FY14	\$1,934	\$
High 4 MRSPP-1 0 MRSPP-7	0 1	Design	10	0	1	0	8	1			\$3,742	\$0	\$151	\$0	\$166	\$0	\$426		FY15	\$3,652	\$(
Medium 8 MRSPP-2 0 MRSPP-8	0 1	RA-C	13	0	2	0	9	1			\$21,584	\$0	\$1,638	\$0	\$1,377	\$0	\$4,244		FY16	\$3,373	\$70
Low 0 MRSPP-3 0 Evaluation Pending	1 1	RA-O	4	0	0	0	2	0			\$2,263	\$0	\$70	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$30,44
Not Evaluated 1 MRSPP-4 0 No Known/Suspected	0	LTM	4	0	4	0	4	0			\$5,788	\$0	\$367	\$0	\$271	\$0	\$278	\$0	FY11-Comp.	MMRP	\$5,91
Not Required 2 MRSPP-5 0 No Longer Required	0	IRP Fin	al RC:	FY 202	1	MRS Fin	al RC: F	2022		Total	\$64,858	\$962	\$3,741	\$94	\$3,907	\$0	\$5,531	\$0	FY11-Compl	ete	\$36,36
Total IRP Sites 64 MRSPP-6 0 Total MRSs	1	Five-Yea	ır Reviev	w Comple	eted and	Planned fo	or Future												_		
IRP Progress Refer to Page F-147. in FY10:  IRP Progress Planned Refer to Page F-147.								ММВі		Progress in FY10:	Ü										

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Con	npone	ent - Installatio	n / Fl	FID / NPL or Pi	ropose	ed NPI	. / BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*	7										-
								pleted		erway	Fut		FY10 S	chedule	Costs Th		FY10					Planning	T. (1	. 16 .	(4000)
						Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (S	<b>\$000</b> )	Obligate	d (\$000)	Planned	1 (\$000)	Estima	ite (\$000)	Estima	ted Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Maryland																									
	CE - Al	NDREWS AIR FOI	RCE B	ASE / MD35718240	0000 / 1	NPL / RI	RAC 20	05 Real	ionmen	t / C-ES	Т														
AIRTOR		P Sites and MRSs by (			000071	Study	27	05 Real	5	6 6	28	0			\$21,544	\$9,753	\$0	\$8,283	\$4,840	\$0	\$7,539	02 00	FY13	\$2,469	\$
Response Complete		Response Complete	lassine	auon		IRA	18(27)	0(0)	0(0)	0(0)	20	0			\$18,975	\$0	\$0	\$0,203	\$4,040	\$0	\$7,555		FY14	\$1,720	Si
High		MRSPP-1	0	MRSPP-7	T 0	Design	7	0	5	0	0	1			\$10,035	\$0		\$0	\$0	\$0			FY15	\$2,077	\$
Medium		MRSPP-2	0	MRSPP-8	0	RA-C	11	0	5	0	2	6			\$38,722	\$0		\$0	\$0	\$0			FY16	\$2,260	\$(
Low	3	MRSPP-3	0	Evaluation Pending	6	RA-O	2	0	8	0	6	0			\$6,283	\$0	\$1,392	\$0	\$29,324	\$0	\$52		FY11-Comp	. IRP	\$90,71
Not Evaluated	28	MRSPP-4	0	No Known/Suspected	0	LTM	8	0	2	0	14	6			\$1,252	\$0		\$0	\$228	\$0			FY11-Comp		\$
Not Required	8	MRSPP-5	0	No Longer Required	0		nal RC:	FY 201	6	MRS Fina	IRC: FY	2014		Total	\$96,811	\$9,753	\$1,686	\$8,283	\$34,392	\$0			FY11-Comp		\$90,71
Total IRP Sites	60	MRSPP-6	0	Total MRSs	6	•				Planned for						,,,,,	. , ,	, , , , ,	, , , , ,		,,,,,,				
IRP Progr in FY IRP Progress Plant for FY11-FY	'10: ned Refe	r to Page F-20. r to Page F-20.										MMRI	Progres	in FY10:	Refer to Page										
FORMER	LY US	ED DEFENSE SIT	ES - A	SSATEAGUE ISLA	AND / M	ID39799	F14390	00																	
_ <del>*</del>	IR	P Sites and MRSs by (	Classific	ation		Study	0	0	0	1	0	0			\$0	\$319	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	0	Response Complete	1 0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	SO		FY14	\$0	\$
High	0	MRSPP-1	0	MRSPP-7	T 0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	SO		FY15	\$0	S <sub>1</sub>
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	\$(
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$(	_	FY11-Comp	. IRP	\$
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	0	0			\$0	\$23	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$27,85
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	IRC: FY	2022		Total	\$0	\$342	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$27,85
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				
IRP Progr in FY IRP Progress Plant for FY11-FY	710: ned No I	RP sites identified.										MMRI	Progres	in FY10:	There is no p								limitations prevent s		
FORMER	LY US	ED DEFENSE SIT	ES - C	ATOCTIN RECRE	ATION	DEMO	AREA	/ MD3	9 <b>7</b> 99F14	40100															
	IR	P Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$201	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	0	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$18,46
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	al RC: FY	2032		Total	\$0	\$201	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$18,46
Total IRP Sites	0	MRSPP-6	0	Total MRSs	1																				
IRP Progr in FY IRP Progress Plant for FY11-FY	710: ned No I	RP sites identified.										MMRI	Progres	in FY10:	There is no p								imitations prevent si		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Compo	nent - Installation	ı / FI	SID / NPL or Pr	onose	d NPI	. / BR	AC V	ear / I	PAR/	СТС Г	elta f	rom F	V09*											
DoD compo	ment - Instanation	1 / 1 1	ID / IVI E OF FT	opose			oleted		erway	Fut			Schedule	Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
					Phase					IRP			act**	FY10 (		Obligate		Planne			te (\$000)	Estima	ted Costs	(\$000)
					111100			Sites (A		1111	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Massachusett	te																							
		M	EL CIT IIII / DEL 40	10.1202	<b>2000 (3</b>	IDY (D)	D 4 G 40	04 (000 5	. D. II		D 4 D													
_	ENS RESERVE TRAIL			104202					Realign	ıment / I	_	1												
	IRP Sites and MRSs by C	lassific	ation		Study	74	10	2	2	0	0			\$37,755	\$1,038	\$1,566	\$529	\$202	\$109	\$0		FY13	\$6,077	\$0
Response Complete	70 Response Complete	10			IRA	0(0)	0(0)	0(0)	0(0)					\$4,105	\$0	\$560	\$0	\$587	\$0	\$604		FY14	\$1,794	\$6
High	2 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$11,027	\$0	\$0		\$538	\$0	\$0		FY15	\$1,753	\$6
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$75,256	\$0	\$0		\$0	\$0	\$1,000		FY16	\$1,585	\$6
Low	0 MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$2,550	\$0	\$352		\$270	\$0	\$281		FY11-Comp		\$27,243
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$22,782	\$0	\$0		\$526	\$0	\$526		FY11-Comp		\$16
Not Required	4 MRSPP-5	0	No Longer Required	10	IRP Fi	nal RC:	FY 204	2	MRS Fina	al RC: FY	Y 2011		Total	\$153,475	\$1,038	\$2,478	\$529	\$2,123	\$109	\$2,411	\$6	FY11-Comp	lete	\$27,400
Total IRP Sites	76 MRSPP-6	0	Total MRSs	12	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future														
IRP Progress in FY10:  IRP Progress Planned if for FY11-FY12:	-										MMRI	P Progres	in FY10:	Refer to Pag										
NAVY - BEDF	ORD NWIRP / MA11	70023	57000 / NPL / RAB /	/ C-TE	СН																			
	IRP Sites and MRSs by C	lassific	ation		Study	3	0	1	0	0	0	REG		\$8,687	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$357	\$0
Response Complete	2 Response Complete	0			IRA	1(1)	0(0)	0(0)	0(0)					\$10,152	\$0	\$484	\$0	\$0	\$0	\$0	\$0	FY14	\$360	\$0
High	2 MRSPP-1	0	MRSPP-7	0	Design	0	0	1	0	0	0			\$1,074	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$428	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	1	0			\$5,912	\$0	\$1,476	\$0	\$2,632	\$0	\$2,409	\$0	FY16	\$375	\$0
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2	0			\$0	\$0	\$0	\$0	\$42	\$0	\$43	\$0	FY11-Comp	. IRP	\$14,10
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 203	8	MRS Fina	al RC: FY	Υ -		Total	\$25,825	\$0	\$1,960	\$0	\$2,674	\$0	\$2,452	\$0	FY11-Comp	lete	\$14,103
Total IRP Sites	4 MRSPP-6	0	Total MRSs	0	1												•							
IRP Progress in FY10:  IRP Progress Planned if for FY11-FY12:	C										MMRI	P Progres	in FY10:	No MMRP										
NAVY - SOUT	TH WEYMOUTH NAS	S / MA	117002202200 / NPI	L / BRA	C 1995	/ RAB																		
	IRP Sites and MRSs by C	lassific	ation		Study	11	2	2	0	0	0			\$18,840	\$678	\$947	\$0	\$0	\$0	\$0		FY13	\$534	\$29
Response Complete	8 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$405	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$661	\$35
High	1 MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	2	0			\$851	\$0	\$0	\$0	\$109	\$0	\$0	\$0	FY15	\$607	\$90
Medium	3 MRSPP-2	0	MRSPP-8	0	RA-C	7	0	1	0	2	0			\$33,414	\$2,999	\$3,513	\$0	\$0	\$0	\$137	\$0	FY16	\$674	\$35
Low	1 MRSPP-3	0	Evaluation Pending	2	RA-O	2	0	0	0	2	0			\$571	\$3,034	\$0	\$0	\$0	\$0	\$191	\$0	FY11-Comp	. IRP	\$19,65
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	5	0	4	0	2	1			\$3,568	\$0	\$250	\$0	\$737	\$0	\$431	\$33	FY11-Comp	MMRP	\$2,89
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 204	1	MRS Fina	al RC: FY	Y 2012		Total	\$57,649	\$6,711	\$4,710	\$0	\$846	\$0	\$759	\$33	FY11-Comp	lete	\$22,54
Total IRP Sites	13 MRSPP-6	0	Total MRSs	2	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future														
IRP Progress in FY10:	Refer to Page F-171.				•						MMRI		in FY10:	Refer to Pag										

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

	tus of instanation													7										
DoD Com	ponent - Installation	n / FI	FID / NPL or Pr	opose	d NPL									la · m		F77.4.0		F77744 F7		TTT/40	- ·	1		
					- 1		pleted		erway	Fut			Schedule act**	FY10 (	hrough (\$000)	FY10	Funds d (\$000)				Planning ate (\$000)	Estima	ited Costs	(\$000)
					Phase	IRP			MMRP	IRP	MMRP	11111	nact	1110	(ψ000)	Obligate	α (φοσο)	Tiamice	1 (ψοσο)	Listinia	τε (ψοσο)			
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Massachus	etts																							
AIR FORC	CE - MASSACHUSETTS	MILIT	ARY RESERVATI	ON (M	MR) / N	IA1572	8244870	00 / NP	L / RAB	/ C-EST														
_	IRP Sites and MRSs by C			`	Study	85	0	0	0	0	0			\$112,071	\$0	\$0	\$0	\$0	\$0	SO	0 \$0	FY13	\$16,484	\$0
Response Complete	68 Response Complete	0			IRA	31(77)	0(0)	0(0)	0(0)					\$163,892	\$0	\$0	\$0	\$0	\$0			FY14	\$13,825	S(
High	0 MRSPP-1	0	MRSPP-7	0	Design	34	0	0	0	0	0			\$35,149	\$0	\$0		\$0	\$0	_		FY15	\$12,761	\$
Medium	0 MRSPP-2		MRSPP-8	0	RA-C	28	0	0	0	0	0			\$194,194	\$0	\$0	\$0	\$0	\$0	_		FY16	\$5,579	\$
Low	0 MRSPP-3		Evaluation Pending	0	RA-O	3	0	17	0	0	0			\$207,713	\$0	\$46,789	\$0	\$25,351	\$0	_		FY11-Comp		\$159,53
Not Evaluated	0 MRSPP-4		No Known/Suspected	0	LTM	2.	0	0	0	4	0			\$27,672	\$0	\$10,709	\$0	\$0	\$0			FY11-Comp		\$
Not Required	17 MRSPP-5		No Longer Required	0			FY 205		MRS Fina				Total	\$740,691	\$0	\$46,789	\$0	\$25,351	\$0			FY11-Comp		\$159,53
Total IRP Sites	85 MRSPP-6		Total MRSs	0					Planned fo				Total	\$740,071	ΨΟ	φ+0,707	φυ	\$25,551	φυ	\$17,040	φυ	r i i i -comp	ictc	4107,00
IRP Progre	ess Refer to Page F-112.											MMRI	P Progress	No MMPD	sitas idantifis	d								
in FY1	10:											1111111	in FY10:	NO WINIKI	sites identific	ж.								
IRP Progress Plann for FY11-FY1											MMRI		ss Planned 711-FY12:	No MMRP	sites identific	ed.								
101 1 111-11	12:											101 1	111-F 1 12:											
FORMEDI	LY USED DEFENSE SITI	re c	HADI ECTOWN N	X7X7 X7	ADD /A	[ A 1070	DE1740	00																
FORMERI				AVYYA					1															
	IRP Sites and MRSs by C	lassific	ation		Study	4	0	0	0	0	0			\$66	\$0	\$0	\$0	\$0	\$0			FY13	\$171	\$0
Response Complete	2 Response Complete	0			IRA	2(2)	0(0)	0(0)	0(0)					\$330	\$0	\$0		\$0	\$0			FY14	\$348	
High	1 MRSPP-1	0	MRSPP-7	0	Design	2	0	1	0	0	0			\$674	\$0	\$9		\$6	\$0			FY15	\$269	\$(
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	0	0	0			\$12,437	\$0	\$17	\$0	\$60	\$0			FY16	\$50	\$
Low	0 MRSPP-3		Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$21,33
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	5	MRS Fina	al RC: F	<i>'</i> -		Total	\$13,507	\$0	\$26	\$0	\$66	\$0	\$522	2 \$0	FY11-Comp	lete	\$21,33
Total IRP Sites	4 MRSPP-6	0	Total MRSs	0																				
in FY1	ess The structural condition of Bldg I 10: reevaluted the strategey for demo etc. Efforts at this property are on hole 12:	and remo	val of material. Hazardous m	aterials car	nnot be safel	y removed	from			r	MMRI	Progre	P Progress in FY10: ss Planned 711-FY12:											
FORMERI	LY USED DEFENSE SIT	ES - H	INGHAM NAD (AN	NEX)	/ MA197	99F18	6300																	
<u> </u>	IRP Sites and MRSs by C	laccific	ation		Study	5	0	1	1	0	0			\$1,461	\$1,044	\$98	\$0	\$275	\$0	\$3	3 \$0	FY13	\$87	S
Response Complete	5 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0			FY14	\$797	\$
High	1 MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	1	1			\$181	\$0	\$0	\$0	\$0	\$0	_		FY15	\$761	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	1	1			\$2,618	\$0	\$0	\$0	\$0	\$0			FY16	\$138	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$4,97
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$14,47
Not Required	0 MRSPP-5	0	No Longer Required	0		nol DC:	FY 201		MRS Fina	al DC: E	7 2032		Total	\$4,260	\$1,044	\$98	\$0	\$275	\$0	\$3		FY11-Comp		\$19,44
Total IRP Sites	6 MRSPP-6	0	Total MRSs	1	IKP FI	nai RC:	FY 201	U	MKS FIN	ai KC: F	2033		10131	\$4,200	\$1,044	398	\$0	\$4/5	\$0	\$3	30	r 111-Comp	icte	φ17, <del>44</del>
			Total MKSs	- 1							1	3.5												
IRP Progre in FY1	ess RI/FS activities continued on proj 10:	ect 07.										MMRI	P Progress in FY10:	No work co	nducted in F	Y10. The M	MRP SI was	completed in	1 FY08.					
IRP Progress Plann	ned Work will continue on the RI/FS	for projec	t 07.								MMRI		ss Planned		anticipated d	ue to limited	MMRP fund	ling.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

	is of Histaliation																					- Commentar rec		
DoD Comp	onent - Installatio	n / Fl	FID / NPL or Pi	ropos	ed NPI							r		la . m		*****				T		1		
							pleted		erway	Fut			Schedule act**	Costs Th			Funds ed (\$000)		xecution d (\$000)		Planning te (\$000)	Estimat	ted Costs	(\$000)
					Phase	IRP			MMRP	IRP I	MMRP	_ ^		ì										
								Sites (A	(ctions			IRP	MMRP	IRP I	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<b>M</b> assachuset	tts																							
FORMERLY	USED DEFENSE SIT	ES - M	IONOMOY ISL GU	IN RGI	E / MA19	799F18	37600																	
<b>-</b>	IRP Sites and MRSs by 0	Classific	ation		Study	0	0	0	1	0	0			\$0	\$171	\$C	\$10	\$0	\$0	so so	\$0	FY13	\$0	\$
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$C	\$0	\$0	\$0	so	\$0	FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	so	\$0	\$0	\$0	so	\$0	FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	so	\$0	\$0	\$0	so		FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$10,33
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	ıl RC: FY	2049		Total	\$0	\$171	\$0	\$10	\$0	\$0	\$0	\$0	FY11-Compl	ete	\$10,33
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:											MMRI	Progres	in FY10:	water MRS b	be created a	nd further e	il 2010. The S valuated. o fiscal years				d NDAI for the	land portion of the l	MRS. It recor	nmended that
FORMERLY	USED DEFENSE SIT	ES - N	ANTUCKET BCH	/ MA19	799F195	5800																		
	IRP Sites and MRSs by 0	Classific	ation		Study	0	0	0	1	0	0			\$0	\$147	\$0	\$34	\$0	\$30	so	\$250	FY13	\$0	\$25
Response Complete	0 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$10	\$0	\$0	\$0	\$0	so so	\$0	FY14	\$0	\$250
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$(
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	SC		\$0				FY11-Comp.		\$10,24
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	d RC: FY	2023		Total	\$0	\$157	\$0	\$34	\$0	\$30	\$0	\$250	FY11-Compl	ete	\$10,24
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:											MMRI	Progres	in FY10:	The final M	MRP site in	spection is o		This site is b	eing recomm			as one of their top pr		te properties
FORMERLY	USED DEFENSE SIT	ES - Q	UABBIN BOMB R	NG / M	A197991	FA1050	0																	
	IRP Sites and MRSs by 0	Classific	ation		Study	0	0	0	1	0	0			\$0	\$302	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$0	FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0			\$0				FY15	\$0	S
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0			\$0				FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0			\$0			_	FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	_		\$0				FY11-Comp.		\$11,48
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	ıl RC: FY	2046		Total	\$0	\$302	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Compl	ete	\$11,48
IRP Progress in FY10:	0 MRSPP-6 No IRP sites identified.	0	Total MRSs	1								MMRI	Progress in FY10:	No work was	s conducted	l in FY10.								
IRP Progress Planned for FY11-FY12:											MMRI	Progres for FY	s Planned 711-FY12:	No work is c	currently pla	anned due to	limited MMF	RP funding.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Cor	nponent	- Installatio	n / FFID	) / NPL or Pr	opose	d NPI	/ BR	AC Y	ear / F	RAB / G	CTC D	elta f	rom F	Y09*	7										
								pleted		erway	Futu		FY10 S	Schedule	Costs Th					xecution			E-4i	4-1 0-4-	(\$000)
						Phase	IRP	MMRP	IRP	MMRP	IRP N	MMRP	Imp	act**	FY10 (S	<b>\$000</b> )	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ited Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Michigan																									
AIR FOR	CE - K.I. SA	AWYER AFB /	/ MI557002	2476000 / BRAC	1993 /	RAB																			
<b>— *</b>	IRP Sit	es and MRSs by (	Classification	n		Study	30	4	0	0	0	0			\$13,727	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	22 <b>Res</b>	sponse Complete	4			IRA	9(13)	0(0)	0(0)	0(0)					\$9,095	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MR	SPP-1	0 MR	RSPP-7	0	Design	0	0	0	0	0	0			\$5,807	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$949	
Medium	0 MR	SPP-2	0 MR	RSPP-8	0	RA-C	1	1	0	0	0	0			\$15,734	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$865	
Low	0 MR	SPP-3	0 Eva	aluation Pending	0	RA-O	2	0	8	0	0	0			\$17,436	\$0	\$2,878	\$0	\$0	\$0	\$0	\$0	FY11-Comp		\$19,8
Not Evaluated	0 MR	SPP-4	0 No	Known/Suspected	0	LTM	0	0	11	0	5	0			\$1,510	\$0	\$302	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
Not Required	8 MR	SPP-5	0 No	Longer Required	4	IRP Fi	nal RC:	FY 203	8 1	MRS Fina	d RC: FY	2007		Total	\$63,309	\$0	\$3,180	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$19,8
Total IRP Sites	30 MR	SPP-6	0 Tot	tal MRSs	4	Five-Ye	ear Revie	w Compl	eted and l	Planned fo	r Future														
in FY														Progress in FY10:											
IRP Progress Plan for FY11-FY		age F-96.										MMRI		s Planned 711-FY12:	Refer to Page	e F-96.									
AIR FOR	CE - SELFI	RIDGE AIR G	UARD BAS	SE / MI55728242	26200 /	BRAC 2	2005 Re	alignm	ent / C-	ГЕСН															
	IRP Sit	es and MRSs by (	Classification	n		Study	40	13	0	5	12	1			\$3,271	\$8,178	\$0	\$0	\$0	\$2,693	\$546	\$280	FY13	\$576	\$1,2
Response Complete	32 Res	sponse Complete	1			IRA	3(4)	0(0)	0(0)	4(4)					\$3,516	\$4,843	\$0	\$98	\$0	\$0	\$0	\$0	FY14	\$1,969	\$8
High	0 MR	SPP-1	0 MR	RSPP-7	0	Design	9	0	0	0	3	1			\$3,517	\$0	\$0	\$0	\$448	\$0	\$1,228	\$0	FY15	\$449	\$2
Medium	0 MR	SPP-2	0 MR	RSPP-8	0	RA-C	8	0	0	0	4	1			\$8,149	\$0	\$30	\$0	\$0	\$0	\$1,819	\$0	FY16	\$400	\$1
Low	0 MR	SPP-3		aluation Pending	18	RA-O	4	0	3	0	2	0			\$839	\$0	\$396	\$0	\$0	\$0	\$0	\$0	FY11-Comp		\$12,4
Not Evaluated		SPP-4		Known/Suspected	0	LTM	1	0	7	0	10	1			\$377	\$0	\$43	\$0	\$167	\$0	\$320		FY11-Comp		\$6,1
Not Required		SPP-5	0 No	Longer Required	1	IRP Fi	nal RC:	FY 202	1 1	MRS Fina	d RC: FY	2018		Total	\$19,669	\$13,021	\$469	\$98	\$615	\$2,693	\$3,913	\$280	FY11-Comp	lete	\$18,6
Total IRP Sites	52 MR	SPP-6	0 Tot	tal MRSs	19																				
IRP Progr in FY IRP Progress Plan for FY11-FY	710: ned RA-O conf			CMI at 3 sites; RFI/CMS at 4 sites; CMI at 6 sites								MMRI	Progres	Progress in FY10: as Planned 711-FY12:											
AIR FOR	CE - WURT	TSMITH AFB	/ MI557002	2427800 / Propos	sed NP	L / BRA	C 1991	/ RAB																	
•	IRP Sit	es and MRSs by (	Classification	n		Study	57	5	5	5	0	0			\$17,769	\$173	\$388	\$0	\$88	\$164	\$0	\$0	FY13	\$0	
Response Complete	41 <b>Res</b>	sponse Complete	4			IRA	22(35)	0(0)	4(4)	0(0)					\$6,241	\$0	\$2,240	\$0	\$49	\$0	\$0	\$0	FY14	\$0	
High	0 MR	SPP-1	0 MR	RSPP-7	0	Design	3	0	0	0	2	0			\$6,804	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	3 MR	SPP-2	0 MR	RSPP-8	0	RA-C	4	0	0	0	2	0			\$13,897	\$0	\$0	\$0	\$104	\$0	\$0	\$0	FY16	\$1,178	
Low		SPP-3	0 Eva	aluation Pending	6	RA-O	2	0	16	0	5	0			\$23,760	\$0	\$3,990	\$0	\$18	\$0	\$0	\$0	FY11-Comp		\$13,3
Not Evaluated	-	SPP-4	0 No	Known/Suspected	0	LTM	2	0	4	2	19	0			\$1,623	\$0	\$801	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$
Not Required		SPP-5		Longer Required	4	1		FY 204			ıl RC: FY	2011		Total	\$70,094	\$173	\$7,419	\$0	\$259	\$164	\$0	\$0	FY11-Comp	lete	\$13,4
Total IRP Sites	62 MR	SPP-6	0 Tot	tal MRSs	10	Five-Ye	ear Revie	w Compl	eted and l	Planned fo	r Future														
in FY														Progress in FY10:											
IRP Progress Plan for FY11-FY		nge F-199.										MMRI		s Planned '11-FY12:	Refer to Page	e F-199.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	oonent - Installatio	n / FFID / NPL or Propo	sed NP	L / BR	AC Y	ear / l	RAB / (	CTC I	)elta f	rom F	Y09*										
					pleted		erway		ure	_	Schedule	Costs Throu	gh FY	10 Funds	FY11 E	xecution	FY12 I	Planning			
			Phase				MMRP			T	oact**	FY10 (\$00	Oblig	ated (\$000	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
			linasc	III		Sites (A		11(1	WIWIKI	_	MMRP	IRP MM	RP IRP	MMRF	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Michigan																					
FORMERL	Y USED DEFENSE SIT	ES - FORT CUSTER REC/INI	_			59799F2	225300												1		
	IRP Sites and MRSs by C	Classification	Study	+	0	1	1	0	0			- 1		\$82 \$	-				FY13	\$0	\$
Response Complete	6 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)			_		\$0		\$0 \$					FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Design	+	0	0	0	0	1	_		\$384		\$0 \$					FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	0	0	0	1			\$575		\$0 \$					FY16	\$0	S
Low	1 MRSPP-3	0 Evaluation Pending	1 RA-0	0	0	0	0	0	0			\$0	-	\$0 \$					FY11-Comp.		\$2,06
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	3	0	0	0	0	1			\$283	\$0	\$29 \$	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$18,51
Not Required	0 MRSPP-5	No Longer Required	0 IRP	Final RC:	FY 201	9	MRS Fina	al RC: F	Y 2029		Total	\$2,318	\$193	111 \$	\$92	\$0	\$0	\$18	FY11-Compl	ete	\$20,57
Total IRP Sites	7 MRSPP-6	0 Total MRSs	1																		
IRP Progres in FY10	s Roberts Packaging proj 06 complete:	lete.								MMR	P Progress in FY10:	No progress repor	ed.								
IRP Progress Planne for FY11-FY12		INPR Revision initiation, w MMRP Realligns	ment Complet	on					MMR		ss Planned 711-FY12:	No actions planne	l.								
FORMERL	Y USED DEFENSE SIT	ES - KINCHELOE AIR FORG	E BASE	/ MI597	99F2260	00 / RA	В / С-Е	ST													
_	IRP Sites and MRSs by C	Classification	Study	7	1	3	0	0	0			\$17,956	\$146 \$	593 \$	\$1,032	\$0	\$77	\$0	FY13	\$1,318	\$
Response Complete	6 Response Complete	1	IRA	1(1)	0(0)	0(0)	0(0)					\$835	\$0	\$0 \$	50	\$0	\$0	\$0	FY14	\$2,689	s
High	2 MRSPP-1	0 MRSPP-7	0 Design		0	1	0	1	0			\$2,336		\$0 \$	\$50	\$0	\$196		FY15	\$2,969	\$
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	0	0	1	0			\$6,035	\$0	\$0 \$0	\$0	\$0	\$0		FY16	\$1,275	\$
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	3	0	2	0			\$2,470	\$0 S	290 \$	\$977	\$0	\$409		FY11-Comp.	IRP	\$29,07
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	3	0	2	0	3	0			\$301		S11 \$			\$0		FY11-Comp.		\$
Not Required	2 MRSPP-5	0 No Longer Required		Final RC:	FY 201	9	MRS Fina	al RC: F	Y 2010		Total	\$29,933		394 \$	\$2,059	\$0	\$682		FY11-Compl		\$29,07
Total IRP Sites	10 MRSPP-6	0 Total MRSs	1			-															
in FY10	d Multiple Areas RI completion, So	ignment, Award RI completion work, Sentine entinel well annual sampling completed/ award		ampling cor	npleted/ awa	arded for F	Y 11.		MMRI	P Progre	in FY10:	No progress repor									
FORMERL	Y USED DEFENSE SIT	ES - WURTSMITH BOMBING	G GUNN	ERY RA	NGE / N	MI5979	9FA2360	00													
<u> </u>	IRP Sites and MRSs by C	Classification	Study	0	0	0	1	0	0			\$0	\$156	\$0 \$1	\$0	\$10	\$0	\$0	FY13	\$0	5
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0		\$0 \$0					FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Design		0	0	0	0	1			\$0		\$0 \$					FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	+	0	0	0	0	1			\$0		\$0 \$					FY16	\$0	5
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	+	0	0	0	0	0			\$0		\$0 \$0					FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	+	0	0	0	0	1			\$0		\$0 \$					FY11-Comp.		\$19,95
Not Required	0 MRSPP-5	No Longer Required		Final RC:			MRS Fina				Total			\$0 \$1					FY11-Compl		\$19,95
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1	mai KC:	rı -		MINS FIRE	ai NC; F	1 4034		10141	φυ	7250	\$1	30	φ10	30	φυ	i i i i i combi		Ψ=/9/-
	No IRP sites identified.	TOTAL PIACOS								MMR	P Progress in FY10:	MMRP SI field w	rk complete, o	lraft report sub	mitted						
IRP Progress Planne									MMRI		ss Planned	MMRP SI rpt con	pletion 2Q and	l anticipated RI	start						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

						Com	pleted	Und	erway	Futi	ıre											Fati	tod Cost-	(\$000)
					Phase	IRP	MMRI	IRP	MMRP	IRP N	<b>IMRP</b>	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Esuma	itea Costs	(\$000)
					Ī			Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Minnesota																								1
_	WIN CITIES ARMY AM	MUNI	TION PLANT / MN:	521382	090800	/ NPL /	RAB /	C-EST																
<u> </u>	Mark   Strice   Mark   Stric																							
esponse Complete	Phase   Phas																							
igh	0 MRSPP-1	0	MRSPP-7	0	Design	21	0	0	0	0	0			\$9,928	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,306	
Iedium	Complete   Complete																							
ow	1 MRSPP-3	0	Evaluation Pending	0	RA-O	10	0	8	0	0	0			\$26,777	\$0	\$1,241	\$0	\$1,222	\$0	\$45,858	\$0	FY11-Comp	. IRP	\$80,
ot Evaluated	Complete   University   Plane   Complete   University   Plane   Plan																							
ot Required	Plane																							
otal IRP Sites	26 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	ew Comp	leted and	Planned fo	r Future														
												MMRP			sites identifi	ied.								
in FY1	ted Refer to Page F-182.										MMRF	Progres	in FY10:											
in FY1 IRP Progress Planne for FY11-FY1	ted Refer to Page F-182.	700229	1400 / NPL / RAB / C	C-TECH	H						MMRF	Progres	in FY10:											
in FY1 IRP Progress Planne for FY11-FY1	ied Refer to Page F-182. 12: RIDLEY NIROP / MN517					5	0	0	0	0		Progres for FY	in FY10:	No MMRF	sites identifi	ied.	\$0	\$0	\$0	\$0	\$0	FY13	\$736	
in FY1 IRP Progress Planne for FY11-FY1 NAVY - FR	Plane																							
in FY1 IRP Progress Plann for FY11-FY1  NAVY - FR	Place   Completed   Underway   Future   Impact   Place   Impact   Place   Impact   Place   Impact   Place   Impact   Place   Place   Impact   Impact   Place   Impact   Im																							
in FY1 IRP Progress Plann for FY11-FY1  NAVY - FR esponse Complete	Place   Completed   Underway   Future   Impact   Place   Impact   Place   Impact   Place   Impact   Place   Impact   Place   Place   Impact   Impact   Place   Impact   Im																							
in FY1 IRP Progress Plann for FY11-FY1  NAVY - FR  sponse Complete gh edium	Plane																							
in FY1 IRP Progress Plann for FY11-FY1  NAVY - FR  sponse Complete gh edium	10   12   13   14   15   16   16   16   16   16   16   16		MRSPP-7 MRSPP-8 Evaluation Pending	0 0	Study IRA Design RA-C RA-O	4(6) 1 1 0	0(0)	0(0)	0(0)	0	0 0 0	Progres for FY	in FY10:	\$8,315 \$4,744 \$1,649 \$14,741	\$ \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$	\$00 \$00 \$00 \$00 \$00 \$917	\$0 \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$772	\$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$714 \$1,087 \$1,332	\$14
in FY1 IRP Progress Plann for FY11-FY1  NAVY - FR  sponse Complete gh edium w tt Evaluated	Place   Plac																							
in FY1  RP Progress Planm for FY11-FY1  NAVY - FR  sponse Complete gh ddium  w  t Evaluated t Required	10:  12:  RIDLEY NIROP / MN517  IRP Sites and MRSs by C  4 Response Complete  0 MRSPP-1  0 MRSPP-2  0 MRSPP-3  0 MRSPP-4  1 MRSPP-5		MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 0	Study IRA Design RA-C RA-O LTM IRP Fi	4(6)  1  1  0  0  nal RC:	0(0) 0 0 0 0 FY 203	0(0) 0 0 1 0 0 4	0(0) 0 0 0 0	0 0 0 1	0 0 0 0 0	Progres for FY	in FY10: Planned 11-FY12:	\$8,315 \$4,744 \$1,649 \$14,741 \$9,529	sites identified   S0   S0   S0   S0   S0   S0   S0   S	\$00 \$00 \$00 \$00 \$917 \$00	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,130 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$772 \$0	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$714 \$1,087 \$1,332 • IRP • MMRP	
in FY1  IRP Progress Planne for FY11-FY1  NAVY - FR  Response Complete ligh fedium ow for Evaluated for Required for Requi	IO:  INDEX NIROP / MN517  IRP Sites and MRSs by C  4 Response Complete 0 MRSPP-1 0 MRSPP-2 0 MRSPP-3 0 MRSPP-4 1 MRSPP-5 5 MRSPP-6  ESS Refer to Page F-77.		MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 0	Study IRA Design RA-C RA-O LTM IRP Fi	4(6)  1  1  0  0  nal RC:	0(0) 0 0 0 0 FY 203	0(0) 0 0 1 0 0 4	0(0) 0 0 0 0	0 0 0 1	0 0 0 0 0	FUND FUND	Total	\$8,315 \$4,744 \$1,649 \$14,741 \$9,529 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$00 \$00 \$00 \$917	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,130 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$772 \$0	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$714 \$1,087 \$1,332 • IRP • MMRP	

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-6 Stat	us of Installation	s with FY11 to Compl	etion (	ost E	Estima	ite Gr	eater	Than	\$10,	000,0	00							Defe	nse Envii	ronmental R	estoration	ı Program
DoD Comp	ponent - Installation	n / FFID / NPL or Propo	sed NP	L/BI	RAC Y	ear / I	RAB /	CTC I	Delta f	rom F	Y09*											
				Con	pleted	Und	erway	Fut	ture		Schedule	Costs Thre		FY10 l			xecution		Planning	Eatim	ated Costs	(\$000)
			Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	pact**	FY10 (\$0	)00) (	Obligate	d (\$000)	Planne	d (\$000)	Estima	ate (\$000)	Esuin	ateu Costs	(\$000)
						Sites (A	ctions)			IRP	MMRP	IRP M	MRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Mississippi																						
	LFPORT NCBC / MS41	7002262600 / RAB / C-TECH																				
Tury r de	IRP Sites and MRSs by C		Study	8	0	2	1	0	0			\$9,531	\$218	\$1,235	\$218	\$55	\$0	\$0	0 \$139	FY13	\$993	
Response Complete	1 Response Complete	0	IRA	5(6)	0(0)	0(0)	0(0)		-			\$7,331	\$0	\$0	\$0	\$0	\$0			<u> </u>	\$335	
High	0 MRSPP-1	0 MRSPP-7	0 Design	+	0	0	0	1	0			\$1,327	\$0	\$87	\$0	\$0	\$0			FY15	\$334	
Medium	3 MRSPP-2	0 MRSPP-8	0 RA-C	4	0	1	0	3	0			\$10,184	\$0	\$1,870	\$0	\$1,356	\$0	-		FY16	\$195	
Low	1 MRSPP-3	Evaluation Pending	1 RA-O	1	0	2.	0	1	0			\$976	\$0	\$450	\$0	\$130	\$0	\$0		FY11-Com		\$10,4
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	3	0	6	0			\$376	\$0	\$230	\$0	\$177	\$0	\$133		FY11-Com		\$:
Not Required	5 MRSPP-5	0 No Longer Required		inal RC	: FY 201	6	MRS Fin	al RC: F	Y 2015		Total	\$29,725	\$218	\$3,872	\$218	\$1,718	\$0	\$2,175		FY11-Com		\$10,5
Total IRP Sites	10 MRSPP-6	0 Total MRSs	_		ew Under				1 2015			77	7	72,012	7220	7-,			7.20	1111 00111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
in FY10 IRP Progress Planne	<ul><li>complete, Additional monitoring</li><li>d Site 1 - Complete FS PP DD and</li></ul>	e FS initiated. Site 3 - RI Report in review. Si complete. Site 10 - DD complete, RA underw RD. Site 2 - Initiate RI/FS. Site 3 - Complete Site 8 - Begin LTM. Site 10 - Complete RA,	ay.  RD. Site 4 - 0						MMRI	P Progre	in FY10:	NCBC MRP PA		A								
AIR FORCE	E - COLUMBUS AIR FO	DRCE BASE / MS457152406000	O / C-TEC	<b>CH</b> 33	1	0	0	0	0			\$7,556	\$0	\$183	\$0	\$0	\$0	\$0	0 \$0	FY13	\$220	
Response Complete	29 Response Complete	1	IRA	12(13)	0(0)	0(0)	0(0)					\$2,482	\$0	\$0	\$0	\$0	\$0			FY14	\$230	
High	0 MRSPP-1	0 MRSPP-7	0 Design	6	0	2	0	0	0			\$2,935	\$0	\$0	\$0	\$0	\$0	_		FY15	\$227	
Medium	1 MRSPP-2	0 MRSPP-8	0 RA-C	4	0	1	0	0	0			\$5,000	\$0	\$0	\$0	\$0	\$0			FY16	\$247	
Low	1 MRSPP-3	0 Evaluation Pending	0 RA-O	1	0	2	0	0	0			\$3,257	\$0	\$0	\$0	\$0	\$0			FY11-Com	n. IRP	\$11,4
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	2	0	6	0	4	0			\$3,898	\$0	\$0	\$0	\$883	\$0	\$1,607		FY11-Com		
Not Required	2 MRSPP-5	0 No Longer Required		inal RC	: FY 201		MRS Fin	al RC: F	Y 2003		Total	\$25,128	\$0	\$183	\$0	\$883	\$0	\$1,607		FY11-Com		\$11,4
Total IRP Sites	33 MRSPP-6	0 Total MRSs	_		iew Compl				2000			, ,, ,		,	, ,					[		
IRP Progres in FY10		ort and Records of Decision for SS-28 & OD-								MMR	P Progress in FY10:	Completed the l	basewide	Mod CSE Pl	nase I Report	. Began wo	ork on the base	ewide CSE !	Phase II. Awa	arded the TCRA.		
IRP Progress Planne for FY11-FY12	d SS26 Remediation System Demo	lition; Remedial Action / Operation, Spill Site	26; and IRA -	former ske	eet ranges &	1000 range			MMR		ss Planned Y11-FY12:	Complete the T	TCRA and	CSE Phase	II.							
◆ FORMERL	Y USED DEFENSE SIT	ES - GULF ORDNANCE PLAI	NT / MS4	9 <b>7</b> 99F0	00500																	
1	IRP Sites and MRSs by C	Classification	Study	5	0	0	7	0	0			\$777	\$152	\$0	\$0	\$0	\$0	\$0	0 \$0	FY13	\$0	
Response Complete	5 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Design	3	0	0	0	0	7			\$203	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	3	0	0	0	0	7			\$516	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	_
Low	0 MRSPP-3	1 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Com	p. IRP	
Not Evaluated	0 MRSPP-4	1 No Known/Suspected	0 LTM	3	0	0	0	0	7			\$2	\$0	\$0	\$0	\$0	\$0			FY11-Com		\$19,
Not Required	0 MRSPP-5	2 No Longer Required		inal RC	: FY 200		MRS Fin	al RC: F			Total	\$1,498	\$152	\$0	\$0	\$0	\$0			FY11-Com		\$19,
Total IRP Sites	5 MRSPP-6	2 Total MRSs	7			_	1 111	I.O. I	000			. /	,			70						
	SS No progress reported.									MMR	P Progress in FY10:	No progress rep	ported.							_		
IRP Progress Planne for FY11-FY12									MMRI		ss Planned	No actions plan	nned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	n / FI	FID / NPL or Pro	pose	d NPI	/ BR	AC Y	ear / l	RAB / C	CTC D	elta fi	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ıre											Estimo	ted Costs	(0002)
					Phase	IRP	MMRF	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	ite (\$000)	Estilla	teu Costs	(\$000)
	Property   Property																							
Mississippi																								
<u> </u>	USED DEFENSE SITI	ES - M	FEHAN RANGE / W	1S4979	99F7438	00																		
TOREMERE				10477			0	0	1	0	0			\$0	\$167	\$0	\$0	\$0	\$0	\$c	0.0	EV12	90	
Response Complete	Complete   Part   Complete   Co																							
High	Complete   Property   Complete																							
Medium	PRIOR PRIOR PRIOR PRIOR PRIOR PANER IN																							
Low	Plane																							
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	_	_		\$14.
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	l RC: FY	2063		Total	\$0	\$167	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$14,
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1									•							•	•		
in FY10:	No IRP sites identified.										MMRF	Progres	in FY10: s Planned											
FORMERLY	USED DEFENSE SITI	ES - M	ISSISSIPPI ORD PL	ANT	/ MS497	99F00	7700																	
								0	1	0	0			\$12	\$191	\$0	\$0	\$0	\$0	\$0	\$0	FV13	\$0	
Response Complete		0	ation		- 1				0(0)		-													
High		0	MRSPP-7	0						0	1							\$0						
Medium		0		0			0	0	0	0	1			\$599	\$0	\$0		\$0	\$0				\$0	
Low	Part																							
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	_	_		\$19,
Not Required	Primary   Prim																							
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1	1									•			•		•		•			•
in FY10:	No actions planned.										MMRF	Progres	in FY10: s Planned											
FORMERLY	USED DEFENSE SITI	ES - PA	ACHUTA BOMB & 0	GUN I	RANGE	/ MS4	9799F01	13100																
	IRP Sites and MRSs by C	lassific	ation		Study	0	0	0	1	0	0			\$0	\$193	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete		0			IRA	0(0)	0(0)	0(0)	0(0)					\$0		\$0		\$0		\$0			\$0	
High	Part   Part																							
Medium		0		0	_																			
Low	-	0	- J	1					-	_				-								_		
Not Evaluated		0									1													
Not Required		0	Ü 1	0	IRP Fi	nal RC:	FY -		MRS Fina	ıl RC: FY	2048		Total	\$0	\$193	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,
Total IRP Sites		0	Total MRSs	1																				
in FY10:											MMRF		in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatior	/FI	FID / NPL or Pro	opose	d NPI	. / BR	AC Y	ear / F	RAB / G	CTC D	elta f	rom F	Y09*											
					Phase		pleted MMRP		erway MMRP	Fut		T	Schedule act**	Costs T FY10	hrough (\$000)	FY10 Obligate					Planning te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Mississippi																								
	USED DEFENSE SITE	S - V	AN DORN-ARMY T	RNG	CAMP /	MS497	799F001	700																
,	IRP Sites and MRSs by C	lassific	ation		Study	1	0	0	1	0	0			\$0	\$182	\$0	\$0	\$0	\$1,303	\$0	\$2,941	FY13	\$0	\$0
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1			\$7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$57,804
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 200	5 1	MRS Fina	ıl RC: FY	2049		Total	\$7	\$182	\$0	\$0	\$0	\$1,303	\$0	\$2,941	FY11-Compl	ete	\$57,804
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10:	No progress reported.											MMRI	Progress in FY10:	No progress	s reported.									
IRP Progress Planned for FY11-FY12:	No actions planned.										MMRI	Progres for FY	s Planned '11-FY12:	Initiate rem	edial investi	gation phase	effort if fund	ing is availa	ble.					

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-6 Sta	tus of Installation	s with FY11 to Comple	etion (	Cost I	Estima	ite Gr	eater	Than	\$10,0	000,00	00							Defer	nse Envir	ronmental Re	estoration	Program
DoD Com	nonent - Installation	n / FFID / NPL or Propos	ed NP	T. / RI	RACY	ear / I	RAR/	СТС Г	elta f	rom F	V09*	٦										
Dob Com	iponent - Instanation	ii / FFID / IVI E of FTopos			pleted		erway	Fut		_		Costs T	hrough	FY10	Funds	FV11 F	execution	FV12 I	Planning			
			Phase					IRP		T	act**	FY10			d (\$000)		d (\$000)		te (\$000)	Estima	ted Costs	(\$000)
			Thase	IKI		Sites (A		IKI	VIIVIKI	_	MMRP	IDD	MMRP	IDD	MMRP	IDD	MMRP	IDD	MMDD	Fiscal Year	IRP	MMRP
Missouri						Dittes (12				IKI	MINIKI	IKI	WIWIKI	IKI	WIWIKI	IKI	MINIKI	IKI	MINIKI	Fiscal Teal	IKI	MINIKI
$\overline{}$		/3.4.0																				
ARMY - FO		/ MO721372097900 / C-TECH	1	1		_				_						1						
	IRP Sites and MRSs by C	Classification	Study		4	17	9	0	0			\$27,278	\$615	\$0	\$21	\$795	\$1,667	\$0		FY13	\$850	\$0
Response Complete	61 Response Complete	4	IRA	5(5)	0(0)	1(1)	0(0)			-		\$1,394	\$0	\$0	\$0	\$244		\$0		FY14	\$487	\$213
High	0 MRSPP-1	0 MRSPP-7 0 MRSPP-8	0 Design	+	0	3	0	2	6	-		\$79 \$2,715	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$2,951		FY15	\$496 \$478	\$5,618 \$108
Medium Low	1 MRSPP-2 7 MRSPP-3	3 Evaluation Pending	0 RA-C 3 RA-O			_	-	_	_	-						\$0		\$2,951		FY16		\$12,607
Not Evaluated	9 MRSPP-4	No Known/Suspected		+	0	0	0	0	4	-		\$775	\$0	\$775	\$0			\$0 \$475		FY11-Comp		
Not Required	0 MRSPP-5	1 No Longer Required	2 LTM		0	-	0	3	0		m . 1	\$204	\$0	\$204	\$0	\$632				FY11-Comp		\$9,470 \$22,077
Total IRP Sites	78 MRSPP-6	0 Total MRSs	_		: FY 201 iew Planne			al RC: FY	2045		Total	\$32,445	\$615	\$979	\$21	\$1,671	\$1,667	\$3,426	\$0	FY11-Comp	iete	\$22,077
		1001111100								MMPI	Progress	Cita ETI W	D 012 b. 4 f.	Idean de Cons	h = =it= i====	ation (CI) an	ompleted in M	b 2010				
in FY1	(PBC) for the remaining investigation	s completed at FLW-002 and 003 and remedy-in ttions and cleanups is underway. A phase II PBC	for long-te	rm manage	ment (LTM)	at FLW-00	2 and FLW	-003 is also		IVIIVIIXI	in FY10:	Site FILW.	D-013 nad ne	dwork for	ne site inspe	ction (SI) co	impleted in M	iren 2010.				
	underway. Decision documents (	DDs) for numerous sites are expected during fise	cal year (F)	7)10.																		
IRP Progress Plann	ed The LTM will continue at FLW-0 12: FLW-009 will require reopening	02, 003, and 056. An RIP is expected at FLW-0	008, 028, 05	9, and 060.	It is expect	ed that sites	FLW-007 a	nd	MMRI	P Progres	s Planned 11-FY12:	Complete S	I at FTLWD-	013. The R	I is schedule	d to begin fo	or all necessary	sites in FY	11.			
10F F Y 11-F Y 1	12: FLW-009 will require reopening	and further investigation.								IOF F Y	11-F Y 12:											
ARMY - JF	FHQ MO ARNG / MO721	18290NG00																				
	IRP Sites and MRSs by C	Classification	Study	0	0	0	18	0	0			\$0	\$454	\$0	\$454	\$0	\$1,380	\$0	\$2,255	FY13	\$0	\$0
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$907
High	0 MRSPP-1	0 MRSPP-7	0 Design	<b>1</b> 0	0	0	0	0	7			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$3,180
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	7			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$505
Low	0 MRSPP-3	0 Evaluation Pending	8 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$11,704
Not Required	0 MRSPP-5	0 No Longer Required	0 IRP	Final RC	: FY -		MRS Fina	al RC: FY	2021		Total	\$0	\$454	\$0	\$454	\$0	\$1,380	\$0	\$2,255	FY11-Comp	lete	\$11,704
Total IRP Sites	0 MRSPP-6	0 Total MRSs 1	8																			
	ess No IRP sites identified.									MMRI	Progress	An SI was a	awarded and i	nitiated in F	Y10.							
in FY1	10:										in FY10:											
IRP Progress Plann	ed No IRP sites identified.								MMRI	P Progres	s Planned	The SI is ex	expected to be	completed i	FV12							
for FY11-FY1									1,1,1,1	for FY	11-FY12:	THE ST IS CA	specied to be	completed i	11 112.							
ARMY - LA	AKE CITY ARMY AMM	UNITION PLANT / MO721382	048900	/ NPL /	RAB / C	-EST																
	IRP Sites and MRSs by C	Classification	Study	37	0	0	0	0	0			\$31,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,985	\$0
Response Complete	19 Response Complete	0	IRA	6(9)	0(0)	0(0)	0(0)					\$40,828	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,039	\$0
High	0 MRSPP-1	0 MRSPP-7	0 Design	18	0	0	0	0	0			\$5,644	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$3,089	\$0
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	22	0	0	0	0	0			\$59,324	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$3,142	\$0
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	3	0	18	0	0	0			\$9,621	\$0	\$2,458	\$0	\$1,785	\$0	\$1,812	\$0	FY11-Comp	. IRP	\$79,271
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	15	0	0	0			\$1,358	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$0
Not Required	18 MRSPP-5	0 No Longer Required	0 IRP	Final RC	: FY 204	18	MRS Fina	al RC: FY	7 -		Total	\$148,011	\$0	\$2,458	\$0	\$1,785	\$0	\$1,812	\$0	FY11-Comp	lete	\$79,271
Total IRP Sites	37 MRSPP-6	0 Total MRSs	0 Five-	Year Revi	iew Comp	leted and	Underway	,														
	ess Refer to Page F-100.									MMRI		No MMRP	sites identifie	d.								
in FY1	10:										in FY10:											

MMRP Progress Planned No MMRP sites identified.

for FY11-FY12:

IRP Progress Planned Refer to Page F-100. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	ı / FI	FID / NPL or Pro	opose	d NPI	L / BR	AC Y	ear / l	RAB / G	CTC I	elta f	rom F	Y09*	7										
						Com	pleted	Und	erway	Fut	ure		chedule	1	hrough				xecution			Estimo	ted Costs	(0002)
					Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Esuma	teu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Missouri																								
FORMERLY	USED DEFENSE SITE	ES - T	YSON VALLEY PO	WDER	FARM	1 / MO7	9 <b>799F</b> 0	36900 /	C-EST															
	IRP Sites and MRSs by C	lassific	ation		Study	1	1	1	0	0	0			\$17,691	\$147	\$3,386	\$3	\$2,112	\$0	\$1,586	\$0	FY13	\$576	\$0
Response Complete	1 Response Complete	1			IRA	1(1)	0(0)	0(0)	0(0)					\$1,010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,789	\$0
High	1 MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	0	0			\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$5,647	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$215	\$0
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$16,758
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$0
Not Required	0 MRSPP-5	0	No Longer Required	1	IRP F	inal RC:	FY 201	7	MRS Fina	d RC: F	2010		Total	\$18,731	\$147	\$3,386	\$3	\$2,112	\$0	\$1,586	\$0	FY11-Comp	lete	\$16,758
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1																				
	The Remedial Investigation (RI) r which explains eight areas of Inter							r Report Te	chnical Men	norandum		MMRF									ently identifie this was deter	d will be addressed mined to	as part of the o	ngoing HTRW
IRP Progress Planned for FY11-FY12	Finalize the RI, Feasibility Study,	and Prop	osed Plan. Complete the Pilot	Study.							MMRI		s Planned 11-FY12:	None.										

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

IRP Sites an	and MRSs by Clas nse Complete P-1 P-2 P-3 P-4 P-5	0	MRSPP-7 MRSPP-8 Evaluation Pending Jo Known/Suspected Jo Longer Required	0 0 32 0	Study IRA Design RA-C RA-O LTM	0 0(0) 0 0				0	0			\$0 \$0	MMRP \$1,167	IRP \$0 \$0	\$1,167 \$0	\$0 \$0	\$2,167 \$0	<b>IRP</b> \$0 \$0	MMRP \$14,397 \$0	Fiscal Year IRP FY13 FY14	MMRP 50 \$6,8
ARMY - JFHQ MT ARM	and MRSs by Clas nse Complete P-1 P-2 P-3 P-4 P-5	0	MRSPP-7 MRSPP-8 Evaluation Pending Jo Known/Suspected Jo Longer Required	0 32 0 0	Study IRA Design RA-C RA-O LTM	0 0(0) 0 0	0 0(0) 0 0	0 0(0) 0 0	32 0(0)	0	0	IRP	MMRP	\$0 \$0	\$1,167 \$0	\$0 \$0	\$1,167 \$0	\$0 \$0	\$2,167 \$0	\$0 \$0	\$14,397 \$0	FY13 FY14	\$0 \$6, \$0
ARMY - JFHQ MT ARM	and MRSs by Clas nse Complete P-1 P-2 P-3 P-4 P-5	0	MRSPP-7 MRSPP-8 Evaluation Pending Jo Known/Suspected Jo Longer Required	0 32 0 0	IRA Design RA-C RA-O LTM	0(0)	0(0)	0(0)	0(0)	0	15			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0
ARMY - JFHQ MT ARM	and MRSs by Clas nse Complete P-1 P-2 P-3 P-4 P-5	0	MRSPP-7 MRSPP-8 Evaluation Pending Jo Known/Suspected Jo Longer Required	0 32 0 0	IRA Design RA-C RA-O LTM	0(0)	0(0)	0(0)	0(0)	0	15			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0
Response Complete   0   Responsing   Responsition   0   MRSPP	P-1 P-2 P-3 P-4 P-5 P-6	0 M 0 M 0 E 0 N 0 N	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 32 0 0	IRA Design RA-C RA-O LTM	0(0)	0(0)	0(0)	0(0)	0	15			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0
High	P-1 P-2 P-3 P-4 P-5 P-6	0 M 0 E 0 N 0 N	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 32 0 0	Design RA-C RA-O LTM	0 0 0	0 0	0										\$0	\$0				
Medium	P-2 P-3 P-4 P-5 P-6	0 M 0 E 0 N 0 N	MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 32 0	RA-C RA-O LTM	0 0	0	0	0					60				. 1	¢0	¢0	60	EV15	so \$1.0
O MRSPP   Not Evaluated   O MRSPP   Not Required   O MRSPP   Total IRP Sites   O MRSPP   IRP Progress   No IRP sites ide in FY10:	P-3 P-4 P-5 P-6	0 E	To Known/Suspected  To Longer Required	0	RA-O LTM	0	0	<u> </u>	0	0				30	\$0	\$0	\$0	\$0	20	30	30	F 1 13	J.,
Not Evaluated 0 MRSPP Not Required 0 MRSPP Total IRP Sites 0 MRSPP IRP Progress No IRP sites ide in FY10:  IRP Progress Planned No IRP sites ide	P-4 P-5 P-6	0 N	No Known/Suspected No Longer Required	0	LTM	0	-	0		0	15			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0 \$7,5
Not Required 0 MRSPP Fotal IRP Sites 0 MRSPP IRP Progress No IRP sites ide in FY10:  IRP Progress Planned No IRP sites ide	P-5 P-6	0 N	No Longer Required	0 0 32			0		0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. IRP	
IRP Sites 0 MRSPP IRP Progress No IRP sites ide in FY10:  IRP Progress Planned No IRP sites ide	P-6	-	· .	32	IRP Fi	100	v	0	0	0	11			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MMR	P \$47,
IRP Progress No IRP sites ide in FY10:  IRP Progress Planned No IRP sites ide		0 <b>T</b>	Cotal MRSs	32		mai KC:	FY -		MRS Fina	l RC: FY	2020		Total	\$0	\$1,167	\$0	\$1,167	\$0	\$2,167	\$0	\$14,397	FY11-Complete	\$47,4
in FY10:  IRP Progress Planned No IRP sites ide	dentified.	•																					
											MMRF	Progress for FY	Planned 11-FY12:	The SI is ex	expected to be	completed in	FY12.						
AIR FORCE - MALMST	TROM AIR FO	DRCE	BASE / MT857182	245560	0 / RAB	/ C-TE	ЕСН																
IRP Sites an	Part   Progress   Part   Pro																						
		2			IRA	7(12)	0(0)	0(0)	0(0)					\$734	\$0	\$0	\$0	\$0	\$0	\$0			67
8				0	Design	13	0	0	0	0				\$404				\$0					
				0		16	1	0	0	0	0			\$4,741	\$0	\$0	\$0	\$0	\$0	\$0			
	Complete   Park   Complete   Co																						
				0	LTM	0	0	0	0	2	0			\$468	\$0	\$0	\$0	\$10	\$0	\$0	_		
			· .	2	IRP Fi	inal RC:	FY 203	2	MRS Fina	l RC: FY	2003		Total	\$14,404	\$0	\$73	\$0	\$78	\$0	\$74	\$0	FY11-Complete	\$12,4
Total IRP Sites 50 MRSPP	P-6	0 <b>T</b>	Total MRSs	2	]																		
	e Sites.													Awarded ar	n HRR in FY	10.							

for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	ponent - Installatio	n / Fl	FID / NPL or Pr	opose	ed NPI	Z / BR	AC Y	ear / ]	RAB /	CTC E	)elta f	rom F	Y09*	7										
				_		Com	oleted	Und	erway	Fut	ure	FY10 S	Schedule	Costs T	hrough	FY10	Funds				Planning			
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Nebraska																								
ARMY - CO	ORNHUSKER ARMY A	MMU	NITION PLANT / N	E72138	3202340	0 / NPL																		
	IRP Sites and MRSs by 0				Study	66	0	0	1	0	0			\$10,441	\$254	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,087	\$6
Response Complete	65 Response Complete	1 0			IRA	63(240)	0(0)	0(0)	1(2)					\$14,366	\$5,665	\$0	\$150	\$0	\$201	\$0		FY14	\$1,234	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	0	0			\$5,835	\$0	_				_		FY15	\$1,195	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	4	0	0	0	0	0			\$14,166	\$0	\$0		\$0		\$0		FY16	\$1,215	\$
Low	0 MRSPP-3		Evaluation Pending	0	RA-O	0	0	1	0	0	0			\$15,823	\$0	\$1,982		\$2,020	\$0	\$2,052		FY11-Comp		\$15,00
Not Evaluated	0 MRSPP-4	1	No Known/Suspected	0	LTM	9	0	1	0	1	0			\$8,551	\$0	\$0		\$0	\$0	\$0		FY11-Comp		\$22
Not Required	1 MRSPP-5		No Longer Required	0			FY 201	0	MRS Fin:	al BC+ FV		_	Total	\$69,182	\$5,919	\$1,982		\$2,020		\$2,052		FY11-Comp		\$15,22
Total IRP Sites	66 MRSPP-6	0	Total MRSs	1	1				Planned fo		2013		10	ψ0>,102	40,727	<b>\$1,702</b>	<b>\$100</b>	<b>42,020</b>	<b>\$201</b>	<b>\$2,002</b>	425	TTII Comp	icic	+,
IRP Progre	SS Refer to Page F-38.											MMRI	Progress	Refer to Pag	ge F-38.									
in FY10	0:												in FY10:											
IRP Progress Planne	M. D. C. (1. D. ) F 20										ммы	D Drogroo	s Planned	D. C D	F 20									
for FY11-FY12											WIWIKI		11-FY12:	Refer to Pag	ge F=38.									
AIR FORCE	E - OFFUTT AIR FORC	E BAS	SE / NE75721246480	0 / RAI	В																			
•	IRP Sites and MRSs by 0	Classific	ation		Study	28	1	0	5	5	0			\$11,915	\$2,053	\$0	\$1,400	\$257	\$917	\$88	\$1,275	FY13	\$2,608	\$1,695
Response Complete	22 Response Complete	0			IRA	11(18)	0(0)	0(0)	0(0)					\$14,464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$737	\$810
High	0 MRSPP-1	0	MRSPP-7	0	Design	11	0	0	0	1	5			\$2,554	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$293	\$191
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	11	0	0	0	1	5			\$3,712	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$153	\$17:
Low	0 MRSPP-3	0	Evaluation Pending	6	RA-O	4	0	5	0	1	5			\$6,782	\$0	\$0	\$0	\$0	\$0	\$83	\$0	FY11-Comp	. IRP	\$6,74
Not Evaluated	5 MRSPP-4	0	No Known/Suspected	0	LTM	3	0	4	0	5	5			\$2,128	\$0	\$0	\$0	\$0	\$0	\$108	\$0	FY11-Comp	. MMRP	\$7,66
Not Required	6 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 202	0	MRS Fina	al RC: F	Y 2014		Total	\$41,555	\$2,053	\$0	\$1,400	\$257	\$917	\$279	\$1,275	FY11-Comp	lete	\$14,41
Total IRP Sites	33 MRSPP-6	0	Total MRSs	6	Five-Y	ear Revie	w Planne	d for Fut	ure								•							
IRP Progre in FY10	ss Completed RI work for Basewide 0:	e MMRP	sites.									MMRI	Progress in FY10:			l basewide (	CSE Phase II	Report. All	MMRP Sites	were scored	l under the MF	SPP requirement.	A basewide RI	with EE/CAs
IRP Progress Planne for FY11-FY12	ed FS for Basewide MMRP sites. 2:										MMRI	P Progres for FY	s Planned 711-FY12:	Complete th	e EE/CAs so	coped and a	warded in FY	10.						
FORMERL	Y USED DEFENSE SIT	ES - A	LLIANCE AAF / NI	E <b>79799</b>	F041700	)																		
•	IRP Sites and MRSs by 0	Classific	ation		Study	1	0	1	0	0	0			\$229	\$0	\$0	\$0	\$0	\$0	\$400	\$0	FY13	\$0	\$
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$263	S
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0			\$294	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	\$(
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	1	0	0	0			\$507	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	S
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$31,20
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0	\$0		\$0		\$0		FY11-Comp		\$
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 202	0	MRS Fin:	al RC: F	Y -		Total	\$1,030	\$0	\$0	\$0	\$0	\$0	\$400	\$0	FY11-Comp	lete	\$31,20
Total IRP Sites	2 MRSPP-6	0	Total MRSs	0	1		<b>-</b>																-	
IRP Progres	SS Preliminary work performed by 10: Additional investigation will be i		nas identified this site as a low	-	riority start.							MMRI	Progress in FY10:	No MMRP	sites identifi	ed.								
IRP Progress Planne	ed An SI is planned for FY 2012.										MMRI		s Planned	No MMRP	sites identifi	ed.								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatio	n / Fl	FID / NPL or Pr	opose	d NPI	. / BR	AC Y	ear / I	RAB/	CTC I	elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure		Schedule			FY10			xecution			Ectimo	ted Costs	(0002)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estilla	ieu Cosis	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMI
lebraska																								
_	Y USED DEFENSE SIT	FS - R	LAINE NAVAL AN	IMIINI	TION D	FPOT	/ NF79	799F041	100 / N	PL / RA	R / C-T	FCH / C	LREC											
TORMERE				11/101/1	Study	6	INEID	1	0	0	0	I I	-KEG	\$54,554	\$1,596	\$1,643	\$0	\$39	03	¢.o	0.3	FY13	\$2,654	
esponse Complete	IRP Sites and MRSs by C	Jassino	ation		IRA	3(3)	1(1)	0(0)	0(0)	0	0	-		\$1,088	\$1,396	\$1,043		\$0	\$0	\$0		FY14	\$1,467	
igh	5 Response Complete 2 MRSPP-1	0	MRSPP-7	1 0	Design	4	0	1	0(0)	0	0			\$9,533	\$0	\$109	\$0	\$355	\$0	\$14		FY15	\$2,597	
ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	5	1	1	0	0	0			\$34,233	\$0	\$2,634	\$0	\$1,258	\$0	\$2,388		FY16	\$1,991	
ow	0 MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	1	0	0	0			\$619	\$0	\$2,034		\$1,250	\$0	\$2,500		FY11-Comp		\$4
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	1	2	0			\$258	\$0	\$78	\$0	\$17		\$157	_	FY11-Comp		φ-
ot Required	0 MRSPP-5	0	No Longer Required	1				4	MDC E'-				Total	\$100,285	\$1,596	\$4,464	\$0	\$1,669	\$10	\$2,559		FY11-Comp		\$5
otal IRP Sites	7 MRSPP-6	0	U 1	1	1		FY 201			al RC: F	2002		Total	\$100,285	\$1,596	\$4,464	\$0	\$1,009	\$10	\$2,559	\$0	F 111-Comp	iete	φυ
		0	Total MRSs	1	Five-Y	ear Revie	w Compi	eted and	Planned fo	or Future	1													
IRP Progres in FY10	S Refer to Page F-85.											MMRI	Progress in FY10:	Refer to Pag	ge F-85.									
RP Progress Planne for FY11-FY12											MMRI		s Planned 11-FY12:	Refer to Pag	ge F-85.									
• FORMERLY	Y USED DEFENSE SIT	ES - B	ROKEN BOW AIR	/GRND	GNRY	/ NE79	799F04	1900																
	IRP Sites and MRSs by 0	Classific	ation		Study	0	0	0	1	0	0			\$0	\$163	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
esponse Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$:
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fin	al RC: F	2034		Total	\$0	\$163	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$1
otal IRP Sites	o MRSPP-6	0	Total MRSs	1	1												•							
IRP Progres in FY10	No IRP sites identified.											MMRI	Progress in FY10:	No progress	reported.									
IRP Progress Planne for FY11-FY12											MMRI		s Planned '11-FY12:	No actions j	planned.									
FORMERLY	Y USED DEFENSE SIT	ES - N	EBRASKA ORDNA	NCE F	LANT /	NE797	99F041	800 / N	PL / RA	B / C-ES	Т													
	IRP Sites and MRSs by C	Classific	ation		Study	7	1	1	1	1	0	$\perp$		\$26,588	\$86	\$883	\$83	\$255	\$0	\$375		FY13	\$9,702	
esponse Complete	6 Response Complete	1			IRA	3(3)	0(0)	0(0)	0(0)					\$2,697	\$0	\$0		\$0		\$0		FY14	\$3,513	
gh	1 MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	0	0			\$9,339	\$0	\$0		\$0	4.0	\$0		FY15	\$6,482	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	6	1	1	0	0	0			\$38,139	\$36	\$55	\$0	\$11	\$0	\$0		FY16	\$5,369	
w	0 MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	1	0	0	0			\$44,317	\$0	\$4,273	\$0	\$12,360	\$0	\$8,526	\$0	FY11-Comp	. IRP	\$2
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	5	1	0	0	0	0			\$3	\$0	\$1	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
ot Required	2 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 207	5	MRS Fin	al RC: F	2015		Total	\$121,083	\$122	\$5,212	\$83	\$12,626	\$0	\$8,901	\$0	FY11-Comp	lete	\$2
otal IRP Sites	9 MRSPP-6	0	Total MRSs	2	Five-Y	ear Revie	w Compl	leted and	Planned fo	or Future														
IRP Progres	S Refer to Page F-135.				•							MMRI	Progress in FY10:	Refer to Pag	ge F-135.									
IRP Progress Planne	d Refer to Page F-135.										MMRI	P Progres	s Planned	Refer to Pag	ge F-135.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned The RI/FS for Areas I and T will be completed in FY11. The RI/FS for Igloo J-601 and specific sites in Area V is scheduled for completion in FY12. for FY11-FY12: When both are final, the entire property will have had an RI/FS.

DoD Com	pone	ent - Installation	n / FFID / NPL	or Pr	opose	ed NPI	L/BR	RAC Y	ear /	RAB /	CTC	Delta f	rom F	Y09*											
							Com	pleted	Un	derway	Fu	iture		Schedule			FY10			xecution				-4-1 C4-	(\$000)
						Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Esum	ated Costs	(\$000)
									Sites (	Actions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Nebraska																									
FORMERL	Y US	ED DEFENSE SITI	ES - SIOUX ARM	Y DEPO	T / NE	E <b>79799F</b>	046700	/ C-RE	G																
	IR	P Sites and MRSs by C	lassification		Study	1	1	1	7	0	0			\$7,603	\$70	\$117	\$0	\$100	\$0	\$3,267	\$0	FY13	\$50	\$0	
Response Complete	1	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$72	\$0
High	1	MRSPP-1	0 MRSPP-7		0	Design	1	0	0	0	1	7			\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$393	\$0
Medium	0	MRSPP-2	0 MRSPP-8		0	RA-C	1	0	0	0	1	7			\$20	\$6,761	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0	MRSPP-3	0 Evaluation Pe	ending	8	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. IRP	\$11,328
Not Evaluated	0	MRSPP-4	0 No Known/St	ispected	0	LTM	0	0	0	0	1	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. MMRP	\$26,449
Not Required	0	MRSPP-5	0 No Longer Re	equired	0	IRP F	inal RC:	FY 201	.8	MRS Fin	al RC:	FY 2040		Total	\$7,633	\$6,831	\$117	\$0	\$100	\$0	\$3,267	\$0	FY11-Comp	olete	\$37,777
Total IRP Sites	2	MRSPP-6	0 Total MRSs		8	Five-Y	ear Revi	ew Comp	leted																
IRP Progre in FY1	ess RI/F	S efforts covering several are completed and the Draft RI l	as of the property were und Report is nearing completio	erway durii n. Site cha	ng FY10. :	Site characte on field activ	erization fic vities for	eld activitie	s for Geo	graphic Areas	I and T		MMRI	P Progress in FY10:	Munitions re	emoval was	suspended in	FY05. Rem	oval efforts v	vill resume w	hen funding	becomes ava	ilable		

for FY11-FY12:

MMRP Progress Planned Munitions removal was suspended in FY05. Removal efforts will resume when funding becomes available.

 $<sup>{\</sup>bf *CTC\ Delta\ Reason:\ C-TECH-Technical\ Issues, C-REG-Regulatory\ Issues, C-EST-Estimating\ Criteria}$ 

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-0 Stat	tus of mstanations	s with FY11 to Comple	enon (	JOST E	Stillia	ite G	reater	1 man	\$10,0	000,00	<i>J</i> U							Detel	ise Envir	ronmental Resto	ганоп	Program
DoD Com	ponent - Installation	n / FFID / NPL or Propos	sed NP	L/BR	AC Y	ear / ]	RAB/	CTC I	elta f	rom F	Y09*											
					pleted		lerway	Fut			Schedule act**	Costs T FY10		FY10 l Obligate			xecution d (\$000)		Planning te (\$000)	Estimated	Costs	(\$000)
			Phase	IRP			MMRP	IRP	MMRP								- (1 /		(, ,			
, ,						Sites (F	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year I	RP	MMRP
<u>Ne</u> vada																						
ARMY - HA	AWTHORNE ARMY DE	POT / NV921382295000 / C-TE	СН																			
	IRP Sites and MRSs by C	lassification	Study	129	4	16	14	0	0			\$17,810	\$9,859	\$3,458	\$9,588	\$7,179	\$0	\$4,663	\$0	FY13	\$3,083	\$7,79
Response Complete	122 Response Complete	4	IRA	12(12)	0(0)	0(0)	0(0)					\$720	\$0	\$0	\$0	\$2,080	\$0	\$2,110	\$0	FY14	\$121	\$31,9
High	2 MRSPP-1	0 MRSPP-7	0 Design		0	0	0	1	12			\$603	\$0	\$0	\$0	\$0	\$2,862	\$5		FY15	\$159	\$40,36
Medium	6 MRSPP-2	0 MRSPP-8	0 RA-C	65	0	5	0	1	12			\$26,241	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$33	
Low	2 MRSPP-3	Evaluation Pending	6 RA-O	7	0	3	0	0	0			\$3,340	\$0	\$104	\$0	\$0	\$0	\$0		FY11-Comp. IR	-	\$19,7
Not Evaluated	11 MRSPP-4	0 No Known/Suspected	0 LTM	18	0	0	0	1	5			\$2,597	\$0	\$144	\$0	\$143	\$0	\$177		FY11-Comp. M		\$339,5
Not Required	2 MRSPP-5	6 No Longer Required	4 IRP I	inal RC:	FY 201	6	MRS Fina	al RC: F	Y 2019		Total	\$51,311	\$9,859	\$3,706	\$9,588	\$9,402	\$2,862	\$6,955	\$5,145	FY11-Complete		\$359,29
Total IRP Sites	145 MRSPP-6	2 Total MRSs	8 Five-Y	Year Revi	ew Compl	eted and	Underway	,														
IRP Progres	SS No progress reported.									MMRI	Progress	A site inspe	ction (SI) wa	s completed	in FY09. TI	ne remedial i	nvestigation (	RI) is currer	ntly underway	for 13 sites.		
in FYIO	J:										ın F Y 10:											
IRP Progress Planne	IRP Progress No progress reported. in FY10:  MMRP Progress A site inspection (SI) was completed in FY09. The remedial investigation (RI) is currently underway for 13 sites. in FY10:  P Progress Planned No actions planned. for FY11-FY12:  MMRP Progress A site inspection (SI) was completed in FY09. The remedial investigation (RI) is currently underway for 13 sites. in FY10:  MMRP Progress Planned The RI/feasibility study (FS) phase will continue until FY13. for FY11-FY12:																					
for FY11-FY12	Progress Planned No actions planned.  MMRP Progress Planned The RI/feasibility study (FS) phase will continue until FY13.																					
NAVY - FA	LLON NAS / NV9170022	17300 / RAB / C-TECH																				
•	IRP Sites and MRSs by C	lassification	Study	29	0	0	0	3	0	FUND		\$18,461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$736	\$
Response Complete	19 Response Complete	0	IRA	4(4)	0(0)	0(0)	0(0)			FUND		\$7,175	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$853	\$
High	0 MRSPP-1	0 MRSPP-7	0 Design	6	0	1	0	2	0	TECH		\$482	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,444	\$
Medium	1 MRSPP-2	0 MRSPP-8	0 RA-C	5	0	0	0	1	0			\$2,145	\$0	\$565	\$0	\$591	\$0	\$0	\$0	FY16	\$2,066	5
Low	4 MRSPP-3	0 Evaluation Pending	0 RA-O	2	0	3	0	4	0			\$2,414	\$0	\$873	\$0	\$973	\$0	\$446	\$0	FY11-Comp. IR	P	\$26,30
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	10	0	1	0			\$1,817	\$0	\$518	\$0	\$431	\$0	\$569	\$0	FY11-Comp. M	MRP	:
Not Required	8 MRSPP-5	0 No Longer Required	0 IRP F	inal RC:	FY 202	9	MRS Fina	al RC: F	Υ -		Total	\$32,494	\$0	\$1,956	\$0	\$1,995	\$0	\$1,015	\$0	FY11-Complete	:	\$26,30
Total IRP Sites	32 MRSPP-6	0 Total MRSs	0 Five-Y	Year Revi	ew Planne	d for Fut	ture															
IRP Progres	SS Additional investigations required	at sites 1, 2, 3, 6, 14, 16, and UST 01. Regra	ding and LT!	M at sites 20	, 21 and 22					MMRI	Progress	No MMRP	sites identific	ed.								
in FY10	0:										in FY10:											
mnn n									) (D) (D)	n n	D1 1											
for FY11-FY12	<ol> <li>Complete investigation report and</li> <li>shows minor contaminats and may</li> </ol>	complete sie 16 AS/SVE pilot study for plume y require more sampling.	containment	t. Regradu	ng and LTM	at sites 20	), 21 and 22.	Site 18	MINIKI		s Planned 11-FY12:	No MMRP	sites identific	ed.								
FORMERL	Y USED DEFENSE SITE	ES - NELLIS SMALL ARMS R	GE AX /	NV997	99F6020	000																
	IRP Sites and MRSs by C	lassification	Study	0	0	0	1	0	0			\$0	\$214	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	5
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)		-			\$0	\$0	\$0		\$0		\$0		FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Design	+	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C		0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	<u> </u>
Low	0 MRSPP-3	Evaluation Pending	0 RA-O		0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. IR	P	
Not Evaluated	0 MRSPP-4	1 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. M	-	\$32,0
Not Required	0 MRSPP-5	0 No Longer Required		inal RC:			MRS Fina	al RC: F			Total	\$0	\$214	\$0	\$0	\$0	\$0	\$0		FY11-Complete		\$32,00
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1									**										
IRP Progres	SS No IRP sites identified.									MMRI	Progress	No activitio	s completed	in FY10								
in FY10											in FY10:	MMRP Site	Inspection F	Report Comp	leted/Finaliz	ed July 30, 2	007.					
TOD D																						

IRP Progress Planned No IRP sites identified. for FY11-FY12:

MMRP Progress Planned No work anticipated for next two years until Baseline MMRP SI's are completed.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installatior	/FF	FID / NPL or Pro	opose	ed NPI	Z / BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*											
					Phase		pleted MMRP		erway MMRP	Futi		T	Schedule act**	Costs T FY10	hrough (\$000)	FY10 Obligate					Planning te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New Hamps	shire																							
AIR FORCE	E - PEASE AFB / NH1570	002484	1700 / NPL / BRAC 1	1988 / 1	RAB / C	-EST																		
	IRP Sites and MRSs by C	lassific	ation		Study	61	1	0	0	0	0			\$69,088	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	41 Response Complete	1			IRA	24(35)	0(0)	0(0)	0(0)					\$24,205	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	16	0	0	0	0	0			\$1,743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	22	0	0	0	0	0			\$35,994	\$0	\$275	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	20	0	0	0			\$24,592	\$0	\$17	\$0	\$2,340	\$0	\$6,730	\$0	FY11-Comp.	IRP	\$19,216
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	4	0	10	0	11	0			\$11,220	\$0	\$0	\$0	\$109	\$0	\$533	\$0	FY11-Comp.	MMRP	\$0
Not Required	20 MRSPP-5	0	No Longer Required	1	IRP F	inal RC:	FY 299	9	MRS Fina	l RC: FY	1996		Total	\$166,842	\$0	\$292	\$0	\$2,449	\$0	\$7,263	\$0	FY11-Compl	ete	\$19,216
Total IRP Sites	61 MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	ew Compl	eted and	Planned fo	r Future														
IRP Progres in FY10	SS Refer to Page F-149.											MMRI	Progress in FY10:	Refer to Pa	ge F-149.									
IRP Progress Planne for FY11-FY12											MMRI		s Planned '11-FY12:	Refer to Pa	ge F-149.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*S

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	nponent - Installatio	n / FI	FID / NPL or Pr	opose	d NPI	/ BR	AC Y	ear / R	RAB / G	CTC D	elta fi	rom F	Y09*	7										
							pleted		erway	Futi		FY10 S	chedule			FY10			xecution			Estimo	ted Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP N	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planned	d (\$000)	Estima	te (\$000)	Esuma	tea Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
New Jersey	7																							
ARMY - FO	ORT MONMOUTH / NJ2	221382	059700 / BRAC 2005	5 Closu	re / RAl	3 / C-R	EG																	
<b>T</b>	IRP Sites and MRSs by (	Classific	ation		Study	55	1	0	0	0	0			\$6,517	\$193	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$901	
Response Complete	43 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$268	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$791	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$817	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$5,126	
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$12,818	\$0	\$111	\$0	\$0	\$0	\$0	\$0	FY16	\$75	
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$5,418	\$0	\$538	\$0	\$5,385	\$0	\$125		FY11-Comp		\$17,
lot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$3,354	\$0	\$54	\$0	\$4,249	\$0	\$666		FY11-Comp		
lot Required	11 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 201	5 1	MRS Fina	l RC: FY	2008		Total	\$29,192	\$193	\$703	\$0	\$9,634	\$0	\$791	\$0	FY11-Comp	lete	\$17,
Total IRP Sites	55 MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	w Compl	eted and I	Planned fo	r Future														
IRP Progre in FY1	ress Refer to Page F-69.		MMRP	Progress in FY10:	Refer to Pag	ge F-69.																		
in FY10:  IRP Progress Planned Refer to Page F-69.  MMRP Progress Planned Refer to Page F-69.																								
IRP Progress Planned Refer to Page F-69.  MMRP Progress Planned Refer to Page F-69.																								
ARMY - PI	ICATINNY ARSENAL /	NJ221.	382070400 / NPL / R	AB																				
•	IRP Sites and MRSs by C	Classific	ation		Study	144	4	34	11	0	0			\$67,692	\$7,022	\$397	\$3,419	\$147	\$505	\$0	\$735	FY13	\$1,966	\$3
Response Complete	137 Response Complete	4			IRA	14(14)	2(3)	0(0)	4(6)					\$7,746	\$8,868	\$0	\$1,712	\$0	\$1,010	\$0	\$1,026	FY14	\$154	\$1
ligh	10 MRSPP-1	0	MRSPP-7	0	Design	11	0	13	0	2	10			\$457	\$0	\$0	\$0	\$68	\$0	\$0	\$0	FY15	\$132	\$13
/ledium	19 MRSPP-2	0	MRSPP-8	0	RA-C	12	0	15	0	3	10			\$36,689	\$0	\$0	\$0	\$57	\$0	\$0	\$0	FY16	\$774	\$50
Low	4 MRSPP-3	5	Evaluation Pending	0	RA-O	1	0	8	0	0	0			\$2,830	\$0	\$854	\$0	\$2,000	\$0	\$2,032		FY11-Comp.		\$11,
Not Evaluated	2 MRSPP-4	3	No Known/Suspected	0	LTM	0	0	9	0	36	10			\$23	\$0	\$15	\$0	\$0	\$0	\$32		FY11-Comp		\$74
Not Required	6 MRSPP-5	3	No Longer Required	4	1		FY 202			l RC: FY	2016		Total	\$115,437	\$15,890	\$1,266	\$5,131	\$2,272	\$1,515	\$2,064	\$1,761	FY11-Comp	lete	\$85,
Total IRP Sites	178 MRSPP-6	0	Total MRSs	15	Five-Y	ear Revie	w Compl	eted and I	Planned fo	r Future														
IRP Progre in FY1	ress Refer to Page F-152.											MMRP	Progress in FY10:	Refer to Pag	ge F-152.									
	ned Refer to Page F-152.										MMRF		s Planned	Refer to Pag	ge F-152.									
for FY11-FY	12:											for FY	11-FY12:											
NAVY - TE	RENTON NAWC / NJ217	002269	0500 / BRAC 1993 / 1	RAB/	C-EST																			
	IRP Sites and MRSs by O				Study	11	0	0	0	0	0			\$7,595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$803	
Response Complete	10 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$717	\$0			\$0	\$0	\$0		FY14	\$758	
High	0 MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	0			\$650	\$0			\$0	\$0	\$0		FY15	\$758	
/Iedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	5	0	0	0	0	0			\$10,214	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$771	
ow	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	0	0			\$8,605	\$0	\$661	\$0	\$758	\$0	\$801		FY11-Comp	IRP	\$22
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	0			\$382	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 204	1 !	MRS Fina	l RC: FY	-		Total	\$28,163	\$0	\$661	\$0	\$758	\$0	\$801	\$0	FY11-Comp	lete	\$22,
Total IRP Sites	11 MRSPP-6	0	Total MRSs	0	1				Planned fo	r Future						•								
IRP Progre	ress Refer to Page F-179.				•		· ·					MMRP	Progress in FY10:	No MMRP	sites identifi	ed.								
IRP Progress Plann for FY11-FY1	ned Refer to Page F-179.										MMRF		s Planned 11-FY12:	No MMRP	sites identifi	ed.								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Con	nponent - Installatio	n / Fl	FID / NPL or Pr	opose	ed NPI	Z / BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*	7										
	•						pleted		erway	Fut		FY10	Schedule								Planning	T. 4	. 10 4	(0000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligat	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
New Jersey	V																							
	CE - MCGUIRE AIR FOR	RCE B	ASE / NJ2571824018	800 / N	PL / RA	В																		
<u> </u>	IRP Sites and MRSs by O				Study	4	0	38	0	30	0			\$40,416	\$0	\$7,239	\$0	\$24	\$0	\$0	\$0	FY13	\$2,480	
Response Complete	3 Response Complete	0			IRA	6(8)	0(0)	1(1)	0(0)					\$5,399	\$0	\$(	\$0	\$0	\$0	\$0	\$0	FY14	\$4,957	
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	22	0	14	0			\$3,685	\$0	\$0	\$0	\$0	\$0	\$830	\$0	FY15	\$22,091	
Medium	21 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	24	0	14	0			\$30,111	\$0	\$0	\$0	\$3,557	\$0	\$12,777	\$0	FY16	\$5,468	
Low	17 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	1	0	36	0			\$28	\$0	\$0	\$0	\$0	\$0	\$1,820	\$0	FY11-Comp	IRP	\$130,0
Not Evaluated	30 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	3	0			\$622	\$0	\$0	\$0	\$39	\$0	\$0	\$0	FY11-Comp	MMRP	
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 203	32	MRS Fina	ıl RC: FY	<i>'</i> -		Total	\$80,261	\$0	\$7,239	\$0	\$3,620	\$0	\$15,427	\$0	FY11-Comp	lete	\$130,0
Total IRP Sites	72 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revi	ew Planne	ed for Futu	ire															
in FY		MMRI		Progress in FY10:																				
for FY11-FY	ogress Planned Refer to Page F-93.  MMRP Progress Planned No MMRP for FY11-FY12:  FORMERLY USED DEFENSE SITES - FT HANCOCK / NJ29799F692400																							
FORMER	LY USED DEFENSE SIT	ES - F	T HANCOCK / NJ29	9 <b>7</b> 99F6	92400																			
	IRP Sites and MRSs by C	Classific	eation		Study	2	0	1	1	0	0			\$35	\$2,815	\$0	\$669	\$0	\$0	\$0	\$0	FY13	\$2,681	\$
Response Complete	Response Complete				\$1,507	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$913										
High	0 MRSPP-1	0	1			\$242	\$0	\$0	\$0	\$145	\$0	\$0	\$0	FY15	\$230									
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	1	0	0			\$753	\$4	\$0	\$0	\$505	\$0	\$1,698	\$0	FY16	\$258	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$8,0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$8,0
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 203	31	MRS Fina	d RC: FY	2023		Total	\$2,537	\$2,819	\$0	\$669	\$650	\$0	\$1,698	\$0	FY11-Comp	lete	\$16,1
Total IRP Sites	3 MRSPP-6	0	Total MRSs	1																				
IRP Progr in FY IRP Progress Plant for FY11-FY	710:  ned Initiate design and removal for do	ebris remo	oval for BD/DR project.								MMRI	Progre	Progress in FY10: s Planned V11-FY12:				11 with an RI/	FS report ex	pected in FY	12.				
FORMER	LY USED DEFENSE SIT	ES - G	REEN CREEK / NJ	29799I	F104100																			
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$142	\$0		\$0	\$0	\$0	_	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0	\$0	\$0		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0			\$0	\$0			FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0		\$0		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	L		\$0	\$0	\$0		\$0	\$0			FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0			_	FY11-Comp		\$10,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY -	1	MRS Fina	ıl RC: FY	2023		Total	\$0	\$142	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,0
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY													Progress in FY10:											
IRP Progress Plant for FY11-FY	ned No IRP sites identified. 712:										MMRI	for FY	s Planned '11-FY12:	Nothing sch	eduled due t	o MMRP fi	nding limitati	ons. RI/FS o	currently sche	eduled for 2	021.			

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

						Comp	pleted	Unde	erway	Fut	ure				hrough	FY10			ecution			Ed alga	(0000)
				]	Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estimated Costs	(\$000)
					Ī			Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMRP
New Jersey																							
	USED DEFENSE SITI	FS - IV	III I VII I F ROMR&	CUNI	PCF / N	J 120700	)F00850	0															
TORMERLI				J		0	0	0	1	0	0	ı —		\$0	\$217	\$0	\$0	\$0	\$0	\$0	20	FY13 \$0	
D G 1/	IRP Sites and MRSs by C	lassino	cation		Study	0(0)	0(0)	0(0)	0(0)	0	U			\$0	\$217 \$0	\$0		\$0	\$0 \$0	\$0		FY14 \$0	
Response Complete High	0 Response Complete 0 MRSPP-1	- 0	MRSPP-7	0	Design	0(0)	0(0)	0(0)	0(0)	0	1			\$0	\$0	\$0		\$0	\$0	\$0		FY14 50 FY15 \$0	
Medium	0 MRSPP-2	- 0	MRSPP-8		RA-C	0	0	0	0	0	1			\$0		\$0		\$0	\$0	\$0		FY16 \$0	
Low	0 MRSPP-3	0	Evaluation Pending		RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. MMRP	\$29,0
Not Required	0 MRSPP-5	0	No Longer Required	0		nal RC:	FV -	1	MRS Fina	IRC: FY	7 2035		Total	\$0	\$217	\$0	\$0	\$0	\$0	\$0		FY11-Complete	\$29,0
Total IRP Sites	0 MRSPP-6	C	Total MRSs	1	1101 11	nui ic.	-		, 110 T III	ii NC. I	2000				7-21		4.0		4.0		4.0	1111 complete	1 1 71
in FY10:  IRP Progress Planned for FY11-FY12:	No IRP sites identified.		in FY10: s Planned 111-FY12:	RI/FS not l	ikely to be ini	itiated - subj	ect to the avai	ilability of fu	nds for MMR	P efforts.													
FORMERLY	USED DEFENSE SITI	ES - R	ARITAN ARSN-TA E	ED PK	/ NJ29	799F09	5700 / F	AB / C	EST														
•	IRP Sites and MRSs by C	lassific	cation		Study	9	1	1	1	0	0			\$31,700	\$508	\$1,621	\$0	\$1,597	\$0	\$102	\$0	FY13 \$144	\$1,0
Response Complete	9 Response Complete	1	ı		IRA	3(3)	2(2)	0(0)	0(0)					\$10,567	\$131	\$0	\$0	\$0	\$0	\$0	\$0	FY14 \$445	\$7
High	1 MRSPP-1	0	MRSPP-7	0	Design	3	1	1	0	0	0			\$661	\$33	\$0	\$0	\$0	\$0	\$49	\$0	FY15 \$549	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	3	1	1	1	0	0			\$16,052	\$13,193	\$0	\$4,718	\$0	\$0	\$0	\$640	FY16 \$343	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. IRP	\$29,5
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	1	0	0	1	1			\$0	\$21	\$0	\$5	\$0	\$0	\$0	\$0	FY11-Comp. MMRP	\$11,6
	0 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 202	6 1	MRS Fina	l RC: FY	2025		Total	\$58,980	\$13,886	\$1,621	\$4,723	\$1,597	\$0	\$151	\$640	FY11-Complete	\$41,2
Not Required	A CD CDD C	0	Total MRSs	2	Five-Y	ear Revie	w Planne	d for Futu	ire														
Not Required  Total IRP Sites	10 MRSPP-6		Total WIKSS	2	1110 1																		

IRP Progress Planned FY11 award planned to complete No Action PP/DD for Middlesex College and Edison Park portions. Soil Rem Action Area 18E. Air & GW for FY11-FY12: monitoring. Finish Eco Risk Doc. Complete Remedial Investigations of Area 18D, 18F and 18G.

MMRP Progress Planned Will finish Area 12 ordance removal action. Next step is RI/FS for area 12, subject to availability of funds. Will also be breaking large MMRP project for FY11-FY12: into smaller projects through realignment.

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-6 Sta	tus o	or installation	s wit	h FY11 to Con	npiei	ion C	ost E	suma	ite G	reater	1 nan	\$10,0	00,00	U							Derei	nse Envii	onmental R	estoration	Program
DoD Con	pone	nt - Installatio	n / FF	ID / NPL or Pro	opose	d NPI	Z / BR	AC Y	ear /	RAB / G	СТС Г	elta fi	rom F	Y09*											
	Ì							pleted		lerway	Fut	-		chedule	Costs T		FY10				FY12 I	Planning			
						Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estima	ited Costs	(\$000)
									Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New Mexic	0																								
		VINGATE DEPOT	ACTI	VITY / NM62138209	9 <b>74</b> 00 /	BRAC	1988 / 1	RAR																	
ARRIVIT I		P Sites and MRSs by C			71007	Study	30	2	13	3	0	0			\$16,811	\$1,851	\$983	\$508	\$3,138	\$818	\$2,519	\$720	FY13	\$4.892	\$2,53
Response Complete		Response Complete	2	ition		IRA	1(1)	0(0)	0(0)	1(3)					\$10,011	\$4,020	\$0	\$0	\$0	\$0	\$0		FY14	\$12,262	\$5,81
High	7	MRSPP-1	0	MRSPP-7	0	Design	6	0	1	0	12	3			\$2.826	\$60	\$0	\$0	\$69	\$141	\$0		FY15	\$10,183	\$10,95
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	1	0	13	3			\$26,000	\$60	\$2,265	\$0	\$2,492	\$2,000	\$3,011	\$2,000	FY16	\$4,302	\$5,31
Low	7	MRSPP-3	0	Evaluation Pending	3	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$65,12
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	6	1			\$364	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp		\$69,6
Not Required	0	MRSPP-5	0	No Longer Required	2	IRP F	inal RC:	FY 202	1	MRS Fina	IRC: F	Y 2021		Total	\$46,001	\$5,991	\$3,248	\$508	\$5,699	\$2,959	\$5,530	\$2,720	FY11-Comp	lete	\$134,74
Total IRP Sites	43	MRSPP-6	0	Total MRSs	5																				
		to Page F-76.		<u> </u>									MMRP	Progress	Refer to Pa	ge F-76.									
in FY	IRP Progress Refer to Page F-76. in FY10:  MMRP Progress Refer to Page F-76. in FY10:  P Progress Planned Refer to Page F-76. for FY11-FY12:  MMRP Progress Planned Refer to Page F-76. for FY11-FY12:																								
IDD Ducouses Dlour	in FY10:  P Progress Planned Refer to Page F-76.  MMRP Progress Planned Refer to Page F-76.																								
	in FY10:  Progress Planned Refer to Page F-76.  MMRP Progress Planned Refer to Page F-76.																								
	RP Progress Planned Refer to Page F-76.  MMRP Progress Planned Refer to Page F-76.																								
ARMY - W	HITE	SANDS MISSILE	RANG	E / NM62141209600	00 / C-T	ТЕСН																			
_	IR	P Sites and MRSs by C	lassifica	ntion		Study	76	3	1	4	0	0			\$17,373	\$187	\$0	\$4	\$0	\$894	\$0	\$0	FY13	\$423	\$
Response Complete		Response Complete	3			IRA	16(16)	0(0)	0(0)	0(0)					\$3,996	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,000	\$47
High		MRSPP-1	0	MRSPP-7	0	Design	9	0	0	0	1	1			\$642	\$0	\$0	\$0	\$10	\$0	\$0	\$0	FY15	\$978	\$19,19
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	19	0	4	0	1	1	REG		\$20,238	\$0	\$0	\$0	\$43	\$0	\$191	\$0	FY16	\$1,362	\$
Low	1	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	1	0	4	0			\$7,486	\$0	\$4,417	\$0	\$347	\$0	\$332	\$0	FY11-Comp	. IRP	\$12,00
Not Evaluated	3	MRSPP-4	0	No Known/Suspected	3	LTM	0	0	22	0	2	1			\$3,052	\$0	\$0	\$0	\$362	\$0	\$157	\$0	FY11-Comp	. MMRP	\$20,73
Not Required	1	MRSPP-5	0	No Longer Required	3	IRP F	inal RC:	FY 204	0	MRS Fina	lRC: F	Y 2016		Total	\$52,787	\$187	\$4,417	\$4	\$762	\$894	\$680	\$0	FY11-Comp	lete	\$32,74
Total IRP Sites	77	MRSPP-6	0	Total MRSs	7	Five-Y	ear Revie	w Compl	leted and	Planned fo	r Future														
IRP Progr	ess A se	ond PBA was established ar	nd will be	awarded in FY10. RFI report fo	for WSMF	2-61 is still	under NMI	ED review.	NMED iss	ued notice of			MMRP	Progress	The site ins	pection (SI) i	is complete.	WSMR-000	3-R-01, 004-l	R-01 and 006	5-R-01 were	recommended	l for NFA. A copy	was submitted	to NMED.
in FY	10: disar to N	proval (NOD) to the HELST MED for a class III modifical	ΓF phase II tion to ren	I RFI. LTM was performed at nove SWMUs WSMRs 80, 71,	WSMR-1	4 and RA(0	O)/LTM at CWS-20 f	WSMR-54 om RCRA	and -55. A	petition was mit.	submitted			in FY10:	NMED has	issued two n on (RI) phase	otices of diss	sapproval bas	sed on RCRA	requirement	ts. White Sa	nds Missile Ra	inge is in the proces	s of moving in	to remedial
TDDD DI									•			) (1 (D)	n.		ŭ										
for FY11-FY	12: conti	D approval of HELSTF Pha nue at WSMR-54 and -55.	ise III RFI	report. NMED approval of RF	I report fo	or WSMR-6	61. LTM w	ill continue	at WSMR	-14. RA(O)/L	TM will	MMRP	for FY	11-FY12:	The RI pha installation	se will comm	ence for WS	MR-007-R-0	l only. Mana	agement of th	ne Military N	Munitions Res	ponse Program (MN	ARP) will trans	sfer to the
AIR FORG	E - C	NNON AIR FORG	CE BAS	SE / NM65721244540	00 / BF	AC 200	5 Clost	ire / RA	B / C-1	EST															
_	IR	P Sites and MRSs by C	lassific	ntion		Study	27	0	0	0	35	0			\$7,894	\$0	\$0	\$0	\$1,621	\$0	\$2,433	\$0	FY13	\$2,483	\$
Response Complete		Response Complete	0	ition		IRA	1(1)	0(0)	0(0)	0(0)					\$1,678	\$0	\$0		\$957	\$0	\$0		FY14	\$2,813	\$
High		MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	9	0			\$76	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$963	\$
Medium		MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	11	0			\$1,174	\$0	\$0		\$0	\$0	\$190		FY16	\$1,755	\$
Low		MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	0	0	9	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$21,74
Not Evaluated	35	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	17	0	9	0			\$3,369	\$0	\$195	\$0	\$581	\$0	\$543		FY11-Comp		\$
Not Required	0	MRSPP-5	0	No Longer Required	0		inal RC:	FY 200	8	MRS Fina	l RC: F	Y -	-	Total	\$14,191	\$0	\$195	\$0	\$3,159	\$0	\$3,166	\$0	FY11-Comp	lete	\$21,74
Total IRP Sites	62	MRSPP-6	0	Total MRSs	0			w Planne									•								•
IRP Progr	ess LTM	at 14 Sites: RA-O at 2 sites:	: remove a	nd replace MW-Ra at LF-25; a	and site cl	nseout docu	ıment revie	w					MMRP	Progress	No MMRP	sites identifie	ed.								
in FY			,											in FY10:											

MMRP Progress Planned No MMRP sites identified.

for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned Continuing LTM at multiple sites; RAC at site FT-08; and additional investigation at AOC A (SS-19)

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-6 Sta	tus o	of Installation	s wit	h FY11 to Con	nplet	ion C	ost E	stima	te Gr	eater	Than	\$10,0	000,00	)0							Defer	nse Envii	onmental Rest	oration	Program
DoD Con	none	ent - Installatio	n / FI	FID / NPL or Pro	nnose	d NPI	, / RR	AC V	ear / I	RAR /	CTC D	elta f	rom F	Y09*	7										
Dob con	ipone	iii iiistaiiatio	11 / 11	ID / TVI E OI I I	opose			pleted		erway	Fut		_	Schedule	Costs Thr	ough	FY10 l	Funds	FY11 Ex	xecution	FY12 F	Planning			
						Phase				MMRP			Imn	act**	FY10 (\$0		bligate	d (\$000)	Planned			te (\$000)	Estimate	d Costs	(\$000)
						- mase				ctions)		,11,1111	_	MMRP	IRP M	MRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New Mexic	20																								
		OLI OMAN AID E	ODGE	DAGE / NUCEEO104	12200	/ DD A C	2005 D	111	4 / D	AD / C	PECH /	a man													
AIRFORG				BASE / NM6572124	42200			eaugnm		AB / C-1			1												
2 1 1		P Sites and MRSs by	Classific	ation I		Study	65	2	9	0	40	0			\$13,445	\$0 \$0	\$0	\$0 \$0	\$853	\$0	\$0		FY13	\$336	\$0
Response Complete High	45	Response Complete MRSPP-1	2	MRSPP-7	0	IRA Design	1(1)	0(0)	7(7)	0(0)	1	0			\$14,811 \$1,928	\$0	\$8,753 \$0	\$0	\$0 \$0		\$0 \$0		FY14 FY15	\$5,597 \$171	\$0
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	19	0	9	0	2	0			\$1,928	\$0	\$0	\$0	\$4,397	\$0	\$0		FY16	\$173	\$(
Low	19	MRSPP-3	0	Evaluation Pending	0	RA-O	5	0	8	0	1	0			\$19,234	\$0	\$0	\$0	\$1,233	\$0	\$97		FY11-Comp. I		\$14,545
Not Evaluated	42	MRSPP-4	0	No Known/Suspected	0	LTM	10	0	15	0	1	0			\$5,841	\$0	\$1,300	\$0	\$412	\$0	\$224		FY11-Comp. N		\$(
Not Required	7	MRSPP-5	0	No Longer Required	2		inal RC:	FY 2029	)	MRS Fina	al RC: FY	7 2003		Total	\$73,374	\$0	\$10,053	\$0	\$6,895	\$0	\$321		FY11-Complet		\$14,545
Total IRP Sites	114	MRSPP-6	0	Total MRSs	2																		-		
in FY	IRP Progress Conduct interim remedial action at SS-61 AVGAS Fuel Spill Site and conduct LTM at Sites 02, 05, 08, 12, 13, 14, 18  in FY10:  MMRP Progress Completed the basewide Mod CSE Phase I Report. Began work on the basewide CSE Phase II. in FY10:																								
AIR FORCE	for FY11-FY12: for FY11-FY12:																								
	IR	P Sites and MRSs by	Classific	ation		Study	80	19	2	29	12	0			\$21,711	\$10,316	\$0	\$4,531	\$0	\$2,430	\$0	\$3,480	FY13	\$2,508	\$31,774
Response Complete	75	Response Complete	6			IRA	29(35)	2(2)	4(6)	3(3)					\$51,353	\$4,115	\$26,970	\$0	\$13,516	\$0	\$0	\$0	FY14	\$8,090	\$30,284
High	1	MRSPP-1	0	MRSPP-7	0	Design	6	0	0	0	2	20			\$2,180	\$0	\$0	\$0	\$0	\$1,126	\$0		FY15	\$2,454	\$37,696
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	1	0	2	30			\$40,245	\$0	\$0	\$0	\$1,757	\$0	\$0			\$2,363	\$33,474
Low	1	MRSPP-3	0	Evaluation Pending	42	RA-O	1	0	4	0	3	19			\$3,272	\$0	\$682	\$0	\$1,747	\$0	\$1,685		FY11-Comp. I		\$59,532
Not Evaluated	12	MRSPP-4	0	No Known/Suspected	0	LTM	9	0	2	0	9	30			\$2,240	\$0	\$154	\$0	\$385	\$0	\$348		FY11-Comp. N		\$210,090
Not Required	3	MRSPP-5	0	No Longer Required	48	IRP F	inal RC:	FY 2034	1	MRS Fina	al RC: FY	2020		Total	\$121,001	\$14,431	\$27,806	\$4,531	\$17,405	\$3,556	\$2,033	\$41,770	FY11-Complet	e	\$269,622
Total IRP Sites	94	MRSPP-6	0	Total MRSs	48																				
in FY	Inter	026; ERP/MMRP Admin. R im Measure; and SS-111 SV FA ERP/MMRP RAB Supp	ecord Sup E Perform ort; NMEI	RA-O Groundwater Monitoring port; LTM/LUC Contract Supp ance Testing  Pees; IRA-O Groundwater Mc C Contract Suppport; and CA at	onitoring	111, IRA-0	, PSH Rem	oval; SS-11	1 Site Cha	racterization	and	MMRI	P Progres	in FY10:					Report. All !	MMRP Sites v	vere scored	under the MF	tSPP requirement. A n	ultisite RI v	was awarded in
FORMERI				ARLSBAD AAF / NN	M6979		00 / C-E	ST																	
	IR	P Sites and MRSs by	Classific	ation		Study	1	1	4	1	0	0			\$666	\$259	\$91	\$0	\$0		\$0		FY13	\$1,494	\$0
Response Complete	0	Response Complete	1	Lancon a		IRA	0(0)	0(0)	0(0)	0(0)	<u> </u>				\$0	\$0	\$0	\$0	\$0		\$0		FY14	\$1,080	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	4	1	-		\$38	\$0	\$0	\$0	\$12		\$0		FY15	\$963	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	4	1			\$222	\$0	\$0	\$0	\$214		\$0		FY16	\$2,352	\$10.930
Low Not Evaluated	0	MRSPP-3 MRSPP-4	0	Evaluation Pending No Known/Suspected	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0		\$0		FY11-Comp. I		\$10,830
Not Evaluated Not Required	4	MRSPP-4 MRSPP-5	0	No Known/Suspected No Longer Required	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0 \$0	\$0		\$0 <b>\$0</b>		FY11-Comp. N		\$8,469 \$19,299
Total IRP Sites	1	MRSPP-6	0	υ 1	1	IRP F	mal RC:	FY 2010	)	MRS Fina	at RC: FY	2078		Total	\$926	\$259	\$91	\$0	\$226	\$0	\$0	\$0	FY11-Complet	e	\$19,299
	5			Total MRSs									3.57												
IRP Progr	ess Tech	nical Project Planning and V	Workplan v	vas developed for the IRP Site	Inspection	n projects.	The projects	s are schedu	led for fiel	d work this v	winter.		MMRI	Progress	No progress re	ported.									

IRP Progress Technical Project Planning and Workplan was developed for the IRP Site Inspection projects. The projects are scheduled for field work this winter. in FY10:

MMRP Progress No progress reported in FY10:

IRP Progress Planned Projects which continue forward will be prioritized using Relative Risk to meet the 2020 goal. for FY11-FY12:

MMRP Progress Planned No actions planned. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

FORMERLY USED DEFENS  IRP Sites and MI Response Complete  High  Medium  MRSPP-1  Medium  MRSPP-2  Low  MRSPP-3  Not Evaluated  MRSPP-4  Not Required  IMRSPP-5  Total IRP Sites  IRP Progress Planning and ROE pro in FY10: during field activities.  IRP Progress Planned Complete field work at for FY11-FY12: 2020 goal.  FORMERLY USED DEFENS  IRP Sites and MI Response Complete  MRSPP-1  Medium  MRSPP-1  Medium  MRSPP-3  Not Evaluated  MRSPP-3  Not Evaluated  MRSPP-4	MRSs by Class Complete			Study IRA Design RA-C	IRP			ctions)	Fut IRP		Imp	Schedule act**	Costs Thro FY10 (\$00	Oblig:	0 Funds ated (\$000)	Planne	d (\$000)	Estima	Planning te (\$000)	Estima	ted Costs	(\$000)
FORMERLY USED DEFENS   IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3     Not Evaluated   4   MRSPP-4     Not Required   1   MRSPP-5     IRP Progress   Planning and ROE pro in FY10; during field activities.    IRP Progress Planned   Complete field work are for FY11-FY12;     PORMERLY USED DEFENS     IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3	MRSs by Class Complete	o MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required		59799F6 Study IRA Design RA-C	IRP 21700 0 0(0)	MMRP	Sites (A	ctions)	IRP 1	MMRP			``						te (\$000)	Estima	ted Costs	(\$000)
FORMERLY USED DEFENS   IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3     Not Evaluated   4   MRSPP-4     Not Required   1   MRSPP-5     IRP Progress   Planning and ROE pro in FY10; during field activities.    IRP Progress Planned   Complete field work are for FY11-FY12;     PORMERLY USED DEFENS     IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3	MRSs by Class Complete	o MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	F / NM6	Study IRA Design RA-C	0	0					IRP	MMRP	IRP MV	RP IRP	MMDD	vnn.						
FORMERLY USED DEFENS   IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3     Not Evaluated   4   MRSPP-4     Not Required   1   MRSPP-5     IRP Progress   Planning and ROE pro in FY10; during field activities.    IRP Progress Planned   Complete field work are for FY11-FY12;     PORMERLY USED DEFENS     IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3	MRSs by Class Complete	o MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	F / NM6	Study IRA Design RA-C	0		4							1111	MIMIKI	IKP	MMRP	IRP	<b>MMRP</b>	Fiscal Year	IRP	MMRP
FORMERLY USED DEFENS   IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3     Not Evaluated   4   MRSPP-4     Not Required   1   MRSPP-5     IRP Progress   Planning and ROE pro in FY10; during field activities.    IRP Progress Planned   Complete field work are for FY11-FY12;     PORMERLY USED DEFENS     IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3	MRSs by Class Complete	o MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 0 0 0	Study IRA Design RA-C	0		4															
IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3     Not Evaluated   4   MRSPP-4     Not Required   1   MRSPP-5     Total IRP Sites   5   MRSPP-6      IRP Progress Planning and ROE pro in FY10: during field activities.     IRP Progress Planned   Complete field work and for FY11-FY12: 2020 goal.     FORMERLY USED DEFENS     IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3	MRSs by Class Complete	o MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 0 0	Study IRA Design RA-C	0		4															
Response Complete   0   Response Complete   0   MRSPP-1	Complete Com	0 MRSPP-7 0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required	0 0 0	IRA Design RA-C			7	0	1 1	0			\$1,779	\$0 S	41 80	S0	\$0	\$0	90	FY13	\$654	
High	rocess executed fo	0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required	0 0 0	Design RA-C			0(0)	0(0)	· ·	0			\$0		\$0 \$0			\$0		FY14	\$470	
Medium 0 MRSPP-2 Low 0 MRSPP-3 Not Evaluated 4 MRSPP-4 Not Required 1 MRSPP-5 Total IRP Sites 5 MRSPP-6  IRP Progress Planning and ROE pro in FY10: during field activities.  IRP Progress Planned Complete field work at for FY11-FY12: 2020 goal.  FORMERLY USED DEFENS IRP Sites and MI Response Complete 0 Response Co High 0 MRSPP-1 Medium 0 MRSPP-2 Low 0 MRSPP-3	rocess executed for	0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required	0 0	RA-C		0	1	0(0)	4	0	-		\$140		\$0 \$0		\$0	\$0		FY15	\$2,595	
Not Evaluated 4 MRSPP-4 Not Required 1 MRSPP-5 Total IRP Sites 5 MRSPP-6  IRP Progress Planning and ROE proin FY10: during field activities.  IRP Progress Planned Complete field work an for FY11-FY12: 2020 goal.  FORMERLY USED DEFENS IRP Sites and Mi Response Complete 0 Response Co High 0 MRSPP-1 Medium 0 MRSPP-2 Low 0 MRSPP-3	rocess executed fo	0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required	0		0	0	0	0	5	0			\$0	\$0	\$0 \$0			\$199		FY16	\$1,082	
Not Evaluated 4 MRSPP-4 Not Required 1 MRSPP-5 Total IRP Sites 5 MRSPP-6  IRP Progress Planning and ROE pro in FY10: during field activities.  IRP Progress Planned Complete field work an for FY11-FY12: 2020 goal.  FORMERLY USED DEFENS  IRP Sites and MI Response Complete 0 Response Co High 0 MRSPP-1 Medium 0 MRSPP-2 Low 0 MRSPP-3	rocess executed fo	0 No Known/Suspected 0 No Longer Required	0	RA-O	0	0	0	0	0	0	-		\$0		\$0 \$0			\$0		FY11-Comp.	- ,	\$18,
Not Required 1 MRSPP-5  Fotal IRP Sites 5 MRSPP-6  IRP Progress Planning and ROE pro in FY10: during field activities.  IRP Progress Planned Complete field work an for FY11-FY12: 2020 goal.  FORMERLY USED DEFENS  IRP Sites and MI  Response Complete 0 Response Co  High 0 MRSPP-1  Medium 0 MRSPP-2  Low 0 MRSPP-3	rocess executed for	0 No Longer Required	0	LTM	0	0	0	0	0	0	_		\$0		\$0 \$0			\$0		FY11-Comp		\$10,
Total IRP Sites 5 MRSPP-6  IRP Progress Planning and ROE pro in FY10: during field activities.  IRP Progress Planned Complete field work an for FY11-FY12: 2020 goal.  FORMERLY USED DEFENS  IRP Sites and MI Response Complete 0 Response Co High 0 MRSPP-1 Medium 0 MRSPP-2 Low 0 MRSPP-3	rocess executed fo								_											FY11-Comp		\$18,
IRP Progress Planning and ROE pro in FY10: during field activities.  IRP Progress Planned Complete field work an for FY11-FY12: 2020 goal.  FORMERLY USED DEFENS  IRP Sites and MI  Response Complete © Response Co  High 0 MRSPP-1  Medium 0 MRSPP-2  Low 0 MRSPP-3	rocess executed for s. Started field acti	o I Otal MINOS	0	IRP Fi	nal RC:	FY 201	8	MRS Fina	al RC: FY	Y -		Total	\$1,919	\$0 \$3	41 \$0	\$19	\$0	\$199	\$0	F 111-Comp	iete	\$10,
in FY10: during field activities.  IRP Progress Planned Complete field work as for FY11-FY12: 2020 goal.  FORMERLY USED DEFENS  IRP Sites and M. Response Complete	rocess executed fo s. Started field acti										10 (D)	) D	No MMRP sites i									
IRP Sites and Mi   Response Complete   0   Response Co   Response Co   Response Co   Response Co   MRSPP-1     Redium   0   MRSPP-2     Ow   0   MRSPP-3	and SI reporting.		nd projects	which prog	ress beyon	d the SI ph	ase will be	prioritized to	o meet the	MMR		in FY10: s Planned 711-FY12:	No MMRP sites	lentified.								
IRP Sites and Mi   Response Complete   0   Response Co   High   0   MRSPP-1     Medium   0   MRSPP-2     Low   0   MRSPP-3	JOE CITEC	FODT SUMNED AID	TOCC	CD / NIV	1607001	F622100	)			JI												
Response Complete         0         Response Co           High         0         MRSPP-1           Medium         0         MRSPP-2           Low         0         MRSPP-3			1000		0	0	0	5	0	0	_		\$0	\$172	\$0 \$0	\$0	\$0	\$0	60	EX/12	\$0	
High 0 MRSPP-1  Medium 0 MRSPP-2  Low 0 MRSPP-3		sification		Study		_	_	-	-	0	-									FY13	\$0	
Medium 0 MRSPP-2 Low 0 MRSPP-3	omplete	0 MRSPP-7		IRA	0(0)	0(0)	0(0)	0(0)	0	5	-		\$0 \$0	\$0 \$0	\$0 \$0 \$0 \$0		\$0 \$0	\$0 \$0		FY14	\$0	
Low 0 MRSPP-3		0 MRSPP-8	3	Design RA-C		0	0	0	0	5	-		\$0 \$0		\$0 \$0 \$0	_	\$0	\$0		FY15 FY16	\$0	
			0		0		-			-	-											i
Not Evaluated 0 MRSPP-4		0 Evaluation Pending	0	RA-O	0	0	0	0	0	0	-		\$0	\$0	\$0 \$0		\$0	\$0		FY11-Comp		Φ21
Not Required 0 MRSPP-5		0 No Known/Suspected	0	LTM	0	0	0	0	0	5			\$0	\$0	\$0 \$0			\$0		FY11-Comp		\$21,
*		0 No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	al RC: FY	Y 2089		Total	\$0	\$172	\$0 \$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$21,
Total IRP Sites 0 MRSPP-6		0 Total MRSs	5																			
IRP Progress No IRP sites identified in FY10:  IRP Progress Planned No IRP sites identified for FY11-FY12:										MMR	P Progres	in FY10:	No activities com Project 01,02,03, No work anticipa	4,05 30-JAN-2	007			eleted				
FORMERLY USED DEFENS	SE SITES -	- GUADALUPE BOMB	B & GU	N RGE	/ NM69	9799F61	3900															
IRP Sites and M	ARSs by Class	sification		Study	0	0	0	1	0	0			\$0	\$480	\$0 \$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete 0 Response Co		0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0 \$0	\$0	\$0	\$0		FY14	\$0	
High 0 MRSPP-1		0 MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0 \$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium 0 MRSPP-2		0 MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0		\$0 \$0	\$0	\$0	\$0		FY16	\$0	
Low 0 MRSPP-3		Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0		\$0 \$0		\$0	\$0		FY11-Comp		
Not Evaluated 0 MRSPP-4		0 No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0 \$0		\$0	\$0		FY11-Comp		\$352
Not Required 0 MRSPP-5		0 No Longer Required	0		nal RC:				al RC: FY	-		Total	\$0	\$480	\$0 \$0	\$0	\$0	\$0		FY11-Comp		\$352
Total IRP Sites 0 MRSPP-6		0 Total MRSs	1	IKI FI	nai KC;			TALKS FIII	ai AC. F	2000		Total	φυ	ψυ	φ0	30	- 90	90	50	1 111-Comp	icit	40029
IRP Progress No IRP sites identified in FY10:	ed.	Total MAGS		<u> </u>							MMRI	Progress in FY10:	No activities com	eleted in FY10,	MMRP Site in	spection Repo	rt completed	29-JUL-200	17			

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Compo	onent - Installation	n / FI	FID / NPL or Pr	opose	d NPI	/ BR	AC Y	ear / 1	RAB /	CTC I	elta f	rom F	Y09*											
•							pleted		erway	Fut			Schedule	Costs Tl			Funds				Planning			
					Phase					IRP	MMRP	Imp	act**	FY10 (	\$000)	Obligat	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ated Costs	(\$000)
					1				ctions)				MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
New Mexico																								
	USED DEFENSE SITI	ES - H	OBBS AFB / NM697	799F623	3000 / C	-EST																		
	IRP Sites and MRSs by C				Study	3	0	3	0	0	0			\$1,459	\$0	\$81	\$0	\$0	\$0	S	\$0	FY13	\$0	
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	SO		\$0	\$0			FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	3	0			\$0	\$0	\$0		\$0				FY15	\$509	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	3	0			\$0	\$0	\$0		\$0	\$0	_		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$(		\$0	\$0			FY11-Comp	. IRP	\$14,
Not Evaluated	5 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0	\$0		\$0		_		FY11-Comp		, ,
Not Required	0 MRSPP-5	0	No Longer Required	0		nal RC:	FY 201	6	MRS Fin	al RC: F	7 -		Total	\$1,459	\$0	\$81	\$0	\$0	\$0	\$		FY11-Comp		\$14,3
Total IRP Sites	6 MRSPP-6	0	Total MRSs	0			11 201				-		1	. ,		,			, , ,		, ,			
in FY10:	Held TPP meeting to start Site Ins ROE refusal process followed inc Forward ROE refusal paperwork t	MMR	P Progre	P Progress in FY10: as Planned 711-FY12:																				
_																								
FORMERLY	USED DEFENSE SITI	ES - IS	LETA PUEBLO OF	RDNAN	ICE IM	PACT.	AREA /	NM69'	799FA11	1800														
	IRP Sites and MRSs by C	lassific	ation		Study	0	1	0	0	0	0			\$0	\$3,145	\$0	\$0	\$0	\$0	\$	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	0	0			\$0	\$9	\$0	\$0	\$0	\$0	\$	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0	0			\$0	\$87	\$0	\$0	\$0	\$0	\$	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	SC	\$0	\$0	\$0	\$	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$	\$0	FY11-Comp	. MMRP	\$19,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	al RC: F	Y 2024		Total	\$0	\$3,241	\$0	\$0	\$0	\$0	\$	\$0	FY11-Comp	lete	\$19,0
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No IRP sites identified.  No IRP sites identified.										MMRI	P Progre	P Progress in FY10: ss Planned 711-FY12:					line MMRP	SI's are comp	pleted				
FORMERLY	USED DEFENSE SITI	ES - LO	OS ALAMOS DEM	RANG	E / NM	69 <b>7</b> 99F	613200																	
	IRP Sites and MRSs by C	lassific	ation		Study	0	0	0	1	0	0			\$0	\$2	SC	\$1	\$0	\$3,825	s	\$0	FY13	\$0	\$13,
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$	\$87	FY15	\$0	\$4
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$		FY16	\$0	\$19,
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	s	_	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0	\$0			FY11-Comp		\$45.
Not Required	0 MRSPP-5	0	No Longer Required	0		nal RC:	FY -		MRS Fin:	al RC: F	Y 2023		Total	\$0	\$2	\$(		\$0	\$3,825	\$		FY11-Comp		\$45,
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1		200.			1 111					+-		Ψ,	72		52,030			comp		,
	No IRP sites identified.				<u> </u>							MMR	P Progress in FY10:	MMRP Site	inspection I	Report comp	bleted 27-SEI	2-2010.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

						Comp	pleted	Unde	erway	Futi	ıre		chedule	Costs Tl				FY11 Exc				TE 41 4	10.4	(0000)
					Phase	IRP	MMRP	IRP	MMRP	IRP N	MMRP	Imp	act**	FY10 (	\$000)	Obligate	ed (\$000)	Planned	(\$000)	Estima	te (\$000)	Estimate	ed Costs	(\$000)
					Ī			Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP N	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New Mexic	<b>:</b> 0																							
_		SE SITES - V	VAFB SM ARMS AX	. / NM6	9799F6	28700																		
<b>.</b>	IRP Sites and M	RSs by Classifi	cation		Study	1	0	0	1	0	0			\$12	\$132	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	1 Response Co	mplete			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
ligh	0 MRSPP-1		MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Лedium	0 MRSPP-2		MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3		Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	
lot Evaluated	0 MRSPP-4		No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$11,0
lot Required	0 MRSPP-5	ıl RC: FY	2063		Total	\$12	\$132	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comple	te	\$11,6								
otal IRP Sites	1 MRSPP-6									•														
IRP Progress Plann for FY11-FY1		WIWIKI		11-FY12:	No work ant	icipated for i	next two ye	ars until Base	ine MMRP SI	s are comp.	ieted													
FORMERI	LY USED DEFENS																							
	IRP Sites and M	RSs by Classifi	cation		Study	20	0	3	1	0	0			\$22,127	\$239	\$822	\$0	\$108	\$0	\$0		FY13	\$2,175	
Response Complete	17 Response Co	mplete	0		IRA	1(1)	0(0)	0(0)	0(0)					\$161	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$1,571	
ligh	1 MRSPP-1		MRSPP-7	0	Design	7	0	0	0	3	1			\$915	\$0	\$0	\$0	\$386	\$0	\$0	\$0	7 7 7 7	\$2,805	
/ledium	3 MRSPP-2		MRSPP-8	0	RA-C	8	0	3	0	2	1			\$8,358	\$0	\$3,069	\$0	\$230	\$0	\$2,983	\$0	FY16	\$4,274	
ow	o MRSPP-3		Evaluation Pending	1	RA-O	0	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$33,7
lot Evaluated	1 MRSPP-4		No Known/Suspected	0	LTM	7	0	0	0	5	1			\$23	\$0	\$0	\$0	\$0	\$0	\$40	\$0	FY11-Comp.		\$14,9
lot Required	1 MRSPP-5		No Longer Required	0	IRP Fi	nal RC:	FY 201	5 1	MRS Fina	d RC: FY	2024		Total	\$31,584	\$239	\$3,891	\$0	\$724	\$0	\$3,023	\$0	FY11-Comple	te	\$48,7
otal IRP Sites	23 MRSPP-6		Total MRSs	1																				
IRP Progre	ess Negotiations with City 10: within the next year. So	of Roswell and CO arted RI/FS activit	DE lawyers regarding PRP is cur ies at two additional IRP project	rently und is and the r	lerway. Suce negotiated N	cessful nego NDAI of 4 a	otiations ar	e lead to clo	oseout of PR	P project			Progress in FY10:	Realignment	completed.	No new M?	MRP activities	currently plan	nned for this	s location.				
	Register   23 MRSPP-6   0 Total MRSs   1																							

 $<sup>\</sup>hbox{$^*$CTC Delta Reason: $C$-TECH-Technical Issues, $C$-REG-Regulatory Issues, $C$-EST-Estimating $C$-riteria}$ 

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

				n F Y II to Cor	_																Detei	isc Liivii	ronmental R	estoration	TTTOGTAIN
DoD Com	pone	nt - Installatio	n / FI	FID / NPL or Pr	opose	ed NPI	L/BR	AC Y	ear / F	RAB/	CTC D	elta f	rom F	Y09*									_		
								pleted		erway	Fut			chedule	Costs Tl FY10 (		FY10 l Obligate			xecution d (\$000)		Planning te (\$000)	Estim	ated Costs	(\$000)
						Phase	IRP				IRP 1	MMRP	шр	act**		/	-			. (1 )					(ψοσο)
									Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New York																									
ARMY - W	EST P	OINT MIL RESE	RVAT	ION / NY221462091	500																				
	IR	P Sites and MRSs by	Classific	ation		Study	32	7	0	14	0	0			\$3,200	\$3,143	\$0	\$2,595	\$0	\$0	\$0	\$0	FY13	\$353	\$0
Response Complete	30	Response Complete	7			IRA	5(6)	1(1)	0(0)	1(1)					\$1,482	\$828	\$0	\$16	\$0	\$0	\$0	\$0	FY14	\$361	\$0
High	0	MRSPP-1	0	MRSPP-7	0	Design	12	0	0	0	0	12	TECH		\$2,503	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$538	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	14	0	1	0	1	12	CONT		\$7,232	\$0	\$0	\$0	\$19	\$0	\$0	\$0	FY16	\$1,197	\$5,093
Low	0	MRSPP-3	1	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Com		\$11,576
Not Evaluated	2	MRSPP-4	5	No Known/Suspected	0	LTM	0	0	16	0	0	12			\$8,920	\$0	\$314	\$0	\$2,438	\$0	\$3,134	\$0	FY11-Com	o. MMRP	\$41,192
Not Required	0	MRSPP-5	7	No Longer Required	7	IRP F	nal RC:	FY 201	2 1	MRS Fina	al RC: FY	2022		Total	\$23,337	\$3,971	\$314	\$2,611	\$2,457	\$0	\$3,134	\$0	FY11-Com	plete	\$52,768
Total IRP Sites	32	MRSPP-6	0	Total MRSs	21	Five-Y	ear Revie	w Compl	eted and I	Planned fo	or Future														
in FY1 IRP Progress Plann	IRP Progress Inspections, minor maintenance, and groundwater monitoring were conducted at 15 sites through a performance-based acquisition (PBA) awarded in in FY10: 2008.  Progress Planned The PBA will continue to support annual physical inspections, minor maintenance, and groundwater monitoring.  MMRP Progress An interim removal action is underway for site WSTPT-001-R-01. A remedial investigation (RI) was initiated this fiscal year (FY) at 1 in FY10: The sites in the Hudson River (WSTPT-004-R-01, WSTPT-016-R-01) will not begin the RI phase at this time.  MMRP Progress Planned Continue RI work at all sites except for the Hudson River sites.  for FY11-FY12:  NAVY - BETHPAGE NWIRP / NY217002216200 / RAB / C-TECH															of the 15 sites.									
NAVY - BE	ETHPA	GE NWIRP / NY	2170022	216200 / RAB / C-TI	ЕСН																				
•	IR	P Sites and MRSs by	Classific	ation		Study	3	0	1	0	0	0			\$5,967	\$0	\$818	\$0	\$275	\$0	\$112	\$0	FY13	\$4,808	\$0
Response Complete	2	Response Complete	0			IRA	3(9)	0(0)	1(1)	0(0)					\$5,535	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$5,195	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1	0			\$1,238	\$0	\$0	\$0	\$0	\$0	\$36	\$0	FY15	\$13,623	\$0
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	0	1	0	TECH		\$31,545	\$0	\$2,957	\$0	\$7,385	\$0	\$7,221	\$0	FY16	\$2,314	\$0
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Com		\$71,264
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Com	o. MMRP	\$0
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY 202	2 !	MRS Fina	al RC: FY	<i>'</i> -		Total	\$44,285	\$0	\$3,775	\$0	\$7,660	\$0	\$7,369	\$0	FY11-Com	olete	\$71,264
Total IRP Sites	4	MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	w Compl	eted and I	Planned fo	or Future														
in FY1 IRP Progress Plann	10: Aqua	Design. Held 2 RABs  O&M for GM-38, SVE an	ıd APU and	stem. OM&M for GM-38, SV d SSDs. Soil and groundwater 2012: Pilot Test for Site 1. 2 F	PCB Inve	stigation at	Site 1. Aqu	ia GAC Tre				MMRI	Progres	in FY10:	No MMRP s										
NAVY - CA		RTON NWIRP / N				1		ı			1				. 1						1 .		I		1
	IR	P Sites and MRSs by	Classific	ation		Study	11	0	2	0	0	0	_		\$7,902	\$0	\$1,337	\$0	\$175		\$0		FY13	\$2,338	\$0
Response Complete	9	Response Complete	0	MDCDD 7		IRA	5(11)	0(0)	0(0)	0(0)			-		\$13,684	\$0	\$0	\$0	\$0				FY14	\$3,544	\$0 \$0
High	2	MRSPP-1	0	MRSPP-7 MRSPP-8	0	Design	2	0	2	0	1	0			\$724 \$11,343	\$0	\$0 \$141	\$0	\$414		\$0 \$804		FY15	\$494	\$0 \$0
Medium	0	MRSPP-2	0		0	RA-C	2	0	3	0	0	0	-			\$0		\$0	\$1,026	\$0	-		FY16	\$1,007	\$21,473
Not Evaluated	1	MRSPP-4	0	Evaluation Pending No Known/Suspected	0	RA-O	0	0	0	0	3	0	-		\$1,910 \$0	\$0 \$0	\$575 \$0	\$0 \$0	\$400 \$0		\$351 \$0	_	FY11-Com FY11-Com		\$21,473
Not Required	0	MRSPP-5	0	No Longer Required	0	LTM				0	1	0		m	\$35,563	\$0	\$2,053	\$0					<u> </u>	•	\$21,473
Total IRP Sites	12	MRSPP-6	0	- 1	0	1		FY 204			al RC: FY	٠ -		Total	\$35,563	\$0	\$2,053	\$0	\$2,015	\$0	\$1,155	\$0	FY11-Com	nete	\$21,473
IRP Progre	ess Com 10: Cont	plete Remedial Action - Site	e 6A. Pum ation at So	p Test & Pilot Test - Site 6A. buthern Area. Held 2 RAB med	Water Lineetings.			w Planne ontinued op			ite 7.		MMRP	Progress in FY10:	No MMRP s	sites identifie	d.								
IDD Drogress Plann	od sou	CW C C	1.000	CW LE	AC/CVE E	S	. II DD CC		1.00		A 11 G14	MMDI	Dungung	Dlannad	N. MADD		1								

MMRP Progress Planned No MMRP sites identified. for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned 2011: GW confirmation sampling and Off site GW delineation. Operate AS/SVE. Design & Install PRSC water line. Annual GW monitoring All Sites. for FY11-FY12: Shut down SVE. 2 RABs. 2012 - Groundwater Treatment at Sites 2, 6, 10. GW Monitor at Site 7. 2 RABs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Cor	nonent Installatio	on / FFID / NPL or Pro	roposod	NDI	/ <b>PD</b>	ACV	oor / E	DAR / (	CTC D	olto f	rom E	V00*	ī										
Don Com	iponent - Installation	n / FFID / NPL or Pro	oposea						Futi			Schedule	Costs Tl	hrough	FY10 1	Funds	FY11 Exec	cution	FV12	Planning			
					Comp			erway	IRP N		T	oact**	FY10 (		Obligate		Planned (S			ate (\$000)	Estima	ated Costs	(\$000)
			r	Phase	IKP p		Sites (A		IKP I	IWIKI	_	MMRP	TDD	MMRP	IRP	MMRP	IRP M		IDD	MMDD	Fiscal Year	IDD	MMDI
NT N7 1							Slics (ra	Ctions			IKr	MINIKI	IKr	MINIKE	IKF	MINIKI	IKF IVI	MKF	IKr	WIWIKI	Fiscal rear	IKr	MMRP
New York																							
AIR FORC	E - PLATTSBURGH AF	FB / NY257002477400 / NPL	L / BRAC	1993/	RAB /	C-EST	·																
	IRP Sites and MRSs by C	Classification	5	Study	41	6	1	0	0	0			\$23,150	\$0	\$3,571	\$0	\$0	\$0	\$0	0 \$0	FY13	\$0	
Response Complete	36 Response Complete	<del> </del>		IRA	17(25)	0(0)	0(0)	0(0)					\$6,657	\$0	\$0	\$0	\$0	\$0	\$0			\$0	
High	1 MRSPP-1	0 MRSPP-7		Design	6	0	0	0	1	0			\$5,982	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	
Medium	0 MRSPP-2	0 MRSPP-8	_	RA-C	6	2	1	0	1	0			\$16,484	\$0	\$43	\$0	\$0	\$0	\$0	0 \$0	FY16	\$1,118	
Low	0 MRSPP-3	0 Evaluation Pending		RA-O	3	0	3	0	1	0			\$12,169	\$0	\$480	\$0	\$0	\$0	\$0		FY11-Comp		\$12,0
Not Evaluated	2 MRSPP-4	0 No Known/Suspected	0 7	LTM	0	0	8	0	4	0			\$5,561	\$0	\$1,220	\$0	\$392	\$0	\$0	0 \$0	FY11-Comp		
Not Required	3 MRSPP-5	0 No Longer Required	6	IRP Fina	al RC:	FY 208	4 1	MRS Fina	al RC: FY	2003		Total	\$70,003	\$0	\$5,314	\$0	\$392	\$0	\$0	0 \$0	FY11-Comp	lete	\$12,0
Total IRP Sites	42 MRSPP-6	0 Total MRSs	6	Five-Yea	r Reviev	w Comple	eted and F	Planned fo	r Future														
IRP Progres in FY1  IRP Progress Plann for FY11-FY1	ned Refer to Page F-153.									MMRF	Progres	P Progress 1 in FY10:											
▲ AIR FORC	E - ROME RESEARCH	I LAB / NY257002445100 / N	NPL / BF	==== RAC 199	)3/1995	5 / RAB	/ C-ES	Т															
<b>—</b>	IRP Sites and MRSs by C			Study	67	12	2	0	1	0			\$62,449	\$0	\$3,787	\$0	\$0	\$0	\$0	0 \$0	FY13	\$1,537	
Response Complete	52 Response Complete		0(0)	┝┷┩		<del>                                     </del>		\$9,037	\$0	\$0	\$0	\$0	\$0	SO			\$2,261						
High	0 MRSPP-1	0 MRSPP-7	0(0)	0	0	0			\$10,749	\$0	\$10	\$0	\$0	\$0	\$(			\$1,329					
Medium	5 MRSPP-2	0 MRSPP-8		Design RA-C	0	0	0	0	0	0	$\vdash$		\$54,365	\$0	\$1,460	\$0	\$0	\$0	SC			\$640	
Low	0 MRSPP-3	0 Evaluation Pending	_	RA-O	0	0	0	0	0	0			\$7,238	\$0	\$4	\$0	\$1,150	\$0	\$1,319		FY11-Comp		\$20,
Not Evaluated	2 MRSPP-4	0 No Known/Suspected		LTM	0	0	0	0	0	0			\$8,811	\$0	\$0	\$0	\$941	\$0	\$1,000		FY11-Comp		
Not Required	11 MRSPP-5	0 No Longer Required		IRP Fina					al RC: FY			Total	\$152,649	\$0	\$5,261	\$0	\$2,091	\$0	\$2,319		FY11-Comp		\$20,
Total IRP Sites	70 MRSPP-6	0 Total MRSs	_					Planned fo		200.			Ψ, · · · [		<del></del> /		x-y				1111	10.00	
IRP Progres in FY1 IRP Progress Plann for FY11-FY1	ned Refer to Page F-81.									MMRF	Progres	P Progress in FY10: ss Planned in FY11-FY12:											
FORMERI	LY USED DEFENSE SIT	TES - CP HERO / NY29799I	F106300	/ C-TEC	CH/C	-EST																	
	IRP Sites and MRSs by C	Classification	5	Study	2	1	1	2	0	0			\$87	\$907	\$0	\$0	\$286	\$0	\$519	9 \$0		\$137	
Response Complete	2 Response Complete	1		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$545	
High	1 MRSPP-1	0 MRSPP-7		Design	2	0	0	0	1	2			\$327	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$399	
Medium	0 MRSPP-2	0 MRSPP-8	0 J	RA-C	2	1	0	0	1	2			\$4,709	\$292	\$0	\$0	\$0	\$0	\$0	0 \$0		\$340	
Low	o MRSPP-3	0 Evaluation Pending	2 F	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	0 \$0	FY11-Comp		\$4
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 7	LTM	0	1	0	0	1	2			\$0	\$10	\$0	\$10	\$0	\$0	\$0		FY11-Comp		\$13
Not Required	0 MRSPP-5	0 No Longer Required	1	IRP Fina	al RC: 1	FY 2019	9 1	MRS Fina	al RC: FY	2023		Total	\$5,123	\$1,209	\$0	\$10	\$286	\$0	\$519	9 \$0	FY11-Comp	lete	\$17
Total IRP Sites	3 MRSPP-6	0 Total MRSs	3																				
in FY1	ned RI/FS phase scheduled if funds a	are available.								MMRI	P Progres	P Progress in FY10: ss Planned in FY12:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Completed   Completed   Contervage	DoD Cor	mponent - Installatio	n / FFID / NPL or Pro	oposed	l NPL	/ BR	AC Y	ear / I	RAB / G	CTC I	elta f	rom F	Y09*	7									
Property   Company   Com		<b>F</b>										FY10	Schedule	Costs Throug	h FY1	Funds	FY11 E	xecution	FY12	Planning	l		
New York    Propriet   Vision Defended   Stage   Stag				I	Phase					IRP	MMRP	Im	pact**	FY10 (\$000)	Obliga	ted (\$000	Planne	d (\$000)	Estima	ite (\$000)	Estima	ted Costs	(\$000)
Policy   Policy								Sites (A	ctions)			IRP	MMRP	IRP MMR	P IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Policy   P	New York																						
TBP State and MBSs by Chandrates	_	LY USED DEFENSE SIT	ES - FORT NIAGARA / NY	Y29799E	7115200	)																	
Regionar Complete   0   Regionar Complete   10   Region	TORRITER					1	0	1	1	0	0			\$41 \$1	01	0 50	0 \$0	\$0	\$269	8 80	EV12	\$132	
Ingh	Pagnanga Camplata		Liassification		-	0(0)		0(0)	0(0)	- ·	0										_		
Modelman			0 MRSPP-7							1	1								_				
Leve					-			1	0	1													5
Mode   Part   Part   Part   Mode   Part							0	0		0	_					50 \$0	\$0		SO			. IRP	\$1,1
MRSPP6	Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	0	0	0	0	0	1				\$0	50 \$0		\$0	SC		_		\$8,8
## Progress A-ward war for task reasonal. for FY10:  ## Progress Planned   international reasonal of the progress   prog	Not Required	1 MRSPP-5	0 No Longer Required	0	IRP Fir	nal RC:	FY 201	6	MRS Fina	al RC: F	7 2038		Total	\$411 \$1	91 \$37	0 \$0	\$0	\$0	\$268	_			\$10,0
INP Progress Planned Instance rancelal investigation for mixed wase area.    For PF11-FY12:	Total IRP Sites	2 MRSPP-6	O Total MRSs	1													•						
Response Complete   O   Response   O	in FY	Y10:  nned Initiate remedial investigation for	r mixed waste area.								MMRI	P Progre	in FY10:		l.								
Response Complete   O   Resp	FORMER	OLY LICED DEPENCE CUE	EC TONA ICI AND MAYA	AT AMA	AT INITE	ION D	EDOT /	NIX/207	OOE1250	100 / C T	ECH /	C FCT											
Response Complete   0   Response Complete   0   Response Complete   0   Response Complete   0   Response Complete   0   Response Complete   1   MRSPP-1   0   MRSPP-2   0   MRSPP-8   0   Response Complete   0   Response C	FORMER					ION D			99F1250	00 / C-1	_	C-ESI		00 00							TITLE O	00.00	
High   1   MRSPP-1	5																						
Medium   O MRSPP-2			0 MDCDD 7					<b>-</b>			,								_				5
Low	Phase   Try   Mile   Try   Mi																						3
Not Evaluated   0   MRSPP-4										_	_												\$48,55
Not Required   1   MRSPP-5   0   No Longer Required   0   IRP Final RC: FY 2020   MRS Final RC: FY 2023   Total   S3   S249   S0   S0   S1,836   S0   S1,677   S0   FY11-Complete   S2			<u> </u>							1										_	_		\$2,4
Total IRP Sites 2 MRSPP-6 0 Total MRSS 1    IRP Progress No activity. in FY10:				0					_	al DC: EV	_		Total										\$50,96
IRP Progress No activity.   IRP Progress No progress reported.   IRP Progress Planned Remove storage tanks. Initiate remedial investigation for HTRW contamination.   Study   5   0   1   0   0   0   0   521,372   50   51,172   50   51,124   50   5154   50   FY14   5517				1	IKI FII	iai KC.	F1 202	U	WIKS FIII	ai KC. F	1 2023		Total	φυ		φ	\$1,000	φ0	φ1,077	\$0	T T T T COMP	ictc	Ψ20,5
IRP Progress Planned Remove storage tanks. Initiate remedial investigation for HTRW contamination.  FORMERLY USED DEFENSE SITES - LAKE ONTARIO ORDNANCE WORKS / NY29799F734500 / RAB    Response Complete   Response Complete   Response Complete   MRSPP-1   O MRSPP-7   O Design   3   O   1   O   O   O   O   S21,377   S0   S1,117   S0   S1,124   S0   S154   S0   FY13   S220   S154		Total MIKOS									MMD	D Drogross	N										
Response Complete   4   Response Complete   0   IRA   3(3)   0(0)   0(	in FY IRP Progress Plan	Y10:  nned Remove storage tanks. Initiate re	emedial investigation for HTRW contami	nination.							MMRI	P Progre	in FY10:										
Response Complete   4   Response Complete   0   IRA   3(3)   0(0)   0(	FORMER	OLY LICED DEPENCE CUE	EC LAVE ONTADIO OD	DNIA NIC	ZE WO	DIZC /	NIX/2070	OE7245	500 / D A I	D.													
Response Complete 4 Response Complete 0	FURWIER							7F / 343			0			\$21.272	90 6111	7	61.104	60	615	1 60	EV12	6220	
High 1 MRSPP-1 0 MRSPP-7 0 Design 3 0 1 0 0 0 52,891 50 50 50 50 50 50 50 50 50 50 50 50 50																							
Medium         0 MRSPP-2         0 MRSPP-8         0 RA-C         2 0 0 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0																							
Low 0 MRSPP-3 0 Evaluation Pending 0 RA-O 0 0 0 0 1 0 50 50 50 50 50 50 50 50 50 50 50 50 5																							
Not Evaluated 0 MRSPP-4 0 No Known/Suspected 0 LTM 1 0 0 0 1 0 53 50 50 50 50 50 50 50 FY11-Comp. MMRP  Not Required 1 MRSPP-5 0 No Longer Required 0 Total MRSS 0 Total IRP Sites 6 MRSPP-6 0 Total MRSS 0	Policy   Policy														\$30,40								
Not Required 1 MRSPP-5 0 No Longer Required 0 Total MRSP 0 Total MRSS 0 Total MRSS 0 Total MRSP 0 Total MRSS 0 Total MRSP 0 Total MRSS 0 Total MRSP 0 Total MRSS 0 Total MRSP		DOD Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY09*    Place														\$50,40							
Total IRP Sites 6 MRSPP-6 0 Total MRSs 0		## PROBLEM   Proposed													\$30,4								
				0	INI FII	iui KC.	11 202	-	THE PARTY	m KC. F			101		Ψ1,12	Ψ	V2,224	Ψ	4575	φυ	1 211 Comp		
	in FY	Y10: ecological risk assessments. Beg aned INPR amendment to be complete	an the process for preparing a major INP	PR amendme	ent.						MMRI	P Progre	in FY10:										

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Component	- Instanation /	TTID/ NI	LOIII	opose	UITL	/ DK	AC I	cai / i	$\Delta D / V$															
Now Voul						Comp	leted	Und	erway	Fut			chedule	Costs Th	rough	FY10	Funds	FY11 Ex	xecution	FY12 I	Planning			
Novy Vouls					Phase				MMRP				act**	FY10 (		Obligate		Planned			te (\$000)	Estima	ted Costs	(\$000)
Norr Vords					-			Sites (A			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
				****	0744500		am.																	
FORMERLY USED	DEFENSE SITES -	- MITCHEL	FIELD / N	NY 2979		0 / C-E	ST																	
	ites and MRSs by Classi	sification			Study	2	0	0	1	0	0			\$177	\$276	\$0	\$13	\$0	\$0	\$0		FY13	\$0	\$(
	esponse Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$699	\$(
- U	RSPP-1	0 MRSPP-7		0	Design	0	0	0	0	1	1			\$4	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$1,346	\$
	RSPP-2	0 MRSPP-8		0	RA-C	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$70	\$
	RSPP-3	0 Evaluation		1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$2,11
	RSPP-4	0 No Known		0	LTM	0	0	0	0	0	- 1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$11,59
	RSPP-5	0 No Longer	Required	0	IRP Fi	nal RC:	FY 2018	8	MRS Fina	d RC: FY	2050		Total	\$181	\$276	\$0	\$13	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$13,70
Total IRP Sites 2 M	RSPP-6	0 Total MRS	Ss	1	]																			
IRP Progress No progr in FY10: IRP Progress Planned No action	-										MMRI	Progress	in FY10: s Planned								ll newly propo	sed projects which i	match the corre	esponding
for FY11-FY12:  FORMERLY USED	DEFENSE SITES -	- NEW YOR	K ORDNA	ANCE V	VORKS	/ NY29	799F11	0500 / 0	С-ТЕСН	/ C-EST	<u> </u>	101 1 1	11-FY12:	WRS S.										
IRP S	ites and MRSs by Classi	sification			Study	1	1	0	0	1	0			\$21	\$223	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$480	\$0
Response Complete 1 R	esponse Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$14	\$0
High 0 M	RSPP-1	0 MRSPP-7		0	Design	1	0	0	0	1	0			\$27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,609	\$0
Medium 1 M	RSPP-2	0 MRSPP-8		0	RA-C	1	0	0	0	1	0			\$317	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,609	\$0
Low 0 M	RSPP-3	0 Evaluation	Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$12,78
Not Evaluated 0 M	RSPP-4	0 No Known	/Suspected	1	LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$
Not Required 0 M	RSPP-5	0 No Longer	Required	0	IRP Fi	nal RC:	FY 2020	0	MRS Fina	ıl RC: FY	2009		Total	\$365	\$223	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Compl	lete	\$12,78
Total IRP Sites 2 M	RSPP-6	0 Total MRS	Ss	1	]																			
IRP Progress No activi in FY10:  IRP Progress Planned No work for FY11-FY12:		ng the next two fisc:	al years.		•						MMRI	Progress	in FY10:	Project NDA Project NDA										
FORMERLY USED	DEFENSE SITES -	- PLUM ISLA	AND ANI	MAL R	ESEAR	CH CE	NTER /	NY297	99F1056	600 / C-F	REG / C	-EST												
IRP S	ites and MRSs by Classi	sification			Study	3	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$571	\$
	esponse Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$(
	RSPP-1	0 MRSPP-7		0	Design	0	0	0	0	3	0	İ		\$0	\$0	\$0	\$0	\$10	\$0	\$0		FY15	\$0	\$
	RSPP-2	0 MRSPP-8		0	RA-C	0	0	0	0	3	0			\$10	\$0	\$0	\$0	\$18	\$0	\$94		FY16	\$331	\$
	RSPP-3	0 Evaluation	Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.	IRP	\$11,75
	RSPP-4	0 No Known		0	LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$
	RSPP-5	0 No Longer		0		nal RC:	FY 2020		MRS Fina	IRC: FV			Total	\$10	\$0	\$0	\$0	\$28	\$0	\$94		FY11-Comp		\$11,75
	RSPP-6	0 Total MRS		0			2021	•	1 1118	I.C. I'I				410	Ψθ	Ψ	ΨΦ	Ψ=0	Ψθ	Ψ/1	Ψθ	- III comp		,, <i>,</i> ,
IRP Progress None. in FY10:  IRP Progress Planned Initiate d	<u> </u>				<u> </u>						ММРІ		in FY10:	No MMRP s								_		

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

																						omnemar re		
DoD Comp	onent - Installatio	n / F	FID / NPL or Pi	ropos	ed NPI							_	Y 09* Schedule	Costs Th	rough	FV10	Funds	FV11 F	vecution	EV121	Planning			
					Phase		pleted MMPP	_	lerway MMRP	Fut		T	act**	FY10 (\$			ed (\$000)				te (\$000)	Estima	ted Costs	(\$000)
					liase	IKI			Actions)	IKI	VIIVIKI	_	MMRP	IRP M	IMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
New York												II	WINIE	11(1	111111	11(1	WIWIEI	11(1	MINIA	III	WININI	riscar rear	IKI	MINIKI
FORMERLY	USED DEFENSE SIT	ES - S	UFFOLK CO AAF	&B&C	1	Y29799	1	)0																
	IRP Sites and MRSs by 0	Classific	ation		Study	0	0	0	1	0	0			\$0	\$238	\$0		\$0	\$0	\$0		FY13	\$0	\$59
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0		\$0	\$0	\$0		FY14	\$0	\$43
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1	-		\$0	\$0	\$0		\$0		_		FY15	\$0	\$1,78
Medium	0 MRSPP-2 0 MRSPP-3	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0		\$0		_		FY16	\$0	\$ \$
Low Not Evaluated	0 MRSPP-3 0 MRSPP-4	0	Evaluation Pending No Known/Suspected	1	RA-O	0	0	0	0	0	0	-		\$0 \$0	\$0 \$0	\$0		\$0 \$0				FY11-Comp.		\$15,1
	0 MRSPP-4 0 MRSPP-5	0	No Longer Required	0	LTM		0			0	•					\$0								
Not Required	0 MRSPP-6	0		0	IRPF	nal RC:	FY -		MRS Fina	al RC: FY	2030		Total	\$0	\$238	\$0	\$17	\$0	\$0	\$0	\$0	FY11-Compl	ete	\$15,15
Total IRP Sites			Total MRSs	1																				
IRP Progress in FY10:	No IRP sites identified.											MMRI	Progress in FY10:	MMRP SI wa	s complete	d in Decem	ber 2009. SI	Report inclu	ded a recomi	nendation to	move to a RI	FS for both MEC an	d MC.	
ı																								
IRP Progress Planned for FY11-FY12:											MMRI		s Planned 11-FY12:	RI/FS not sch	eduled in 1	ext two fisc	al years due t	o funding lin	nitations.					
101 1 111 1 112	•											101 1 1												
FORMERLY	USED DEFENSE SIT	ES - S	UFFOLK COUNTY	AFB /	NY2979	9F1222	200																	
	IRP Sites and MRSs by 0	Classific	ation		Study	2	0	1	1	0	0			\$13	\$277	\$0	\$0	\$0	\$1,062	\$164	\$1,386	FY13	\$138	\$9
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$299	\$86
High	1 MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	0	1			\$64	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$10	\$58
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	2	0	0	1			\$1,244	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$216	\$2,56
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$88
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$15,22
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	.6	MRS Fina	al RC: FY	2027		Total	\$1,321	\$277	\$0	\$0	\$0	\$1,062	\$164	\$1,386	FY11-Compl	ete	\$16,10
Total IRP Sites	3 MRSPP-6	0	Total MRSs	1																				
IRP Progress												MMRI	Progress	No activity.										
in FY10:													in FY10:											
IRP Progress Planned	I Initiate remedial investigation for	r ramadiat	ion of contaminated sail								MMRI	Progres	s Planned	If funding is a	vailabla u	ill initiata D	I/ES phase of	Fort on MME	DD cito					
for FY11-FY12:	initiate remediar investigation for	remedia	ion of contaminated son.								.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	for FY	11-FY12:	11 funding is a	variable w	in minate is	i/1 3 phase er	iori on iviivir	XI SILC.					
<u></u>																								
FORMERLY	USED DEFENSE SIT	ES - U	S NAV SUP DEPO	Γ / NY2	9 <b>7</b> 99F12	25500																		
	IRP Sites and MRSs by 0	Classific	ation		Study	1	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$304	\$
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$284	\$
High	1 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$444	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0			\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$554	\$
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	_	FY11-Comp.		\$12,33
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	7	MRS Fina	al RC: FY	7 -		Total	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Compl	ete	\$12,33
Total IRP Sites	2 MRSPP-6	0	Total MRSs	0																				
IRP Progress in FY10:	No activity.											MMRI	Progress in FY10:	No MMRP sit	es identifi	ed.								
m F 1 10:	•												m r 1 10;											
IRP Progress Planned	No work scheduled on HTRW pr	roject in n	ext two fiscal years.								MMRI			No MMRP sit	es identifi	ed.								
for FY11-FY12:	:											for FY	11-FY12:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

														_										
DoD Compor	nent - Installatio	n / FI	FID / NPL or Pr	ropose	ed NPI	/ BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*											
•							pleted		erway	Futi			chedule	Costs Tl	rough	FY10	Funds	FY11 Ex	xecution	FY12 I	Planning			
					Phase				MMRP			Imp	act**	FY10 (	\$000)	Obligate	d (\$000)	Planned	l (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
					1 114.50				ctions)		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
North Corolin												IIII	IVIIVII CI	11(1	71.71.11	III	VIIVIR	1101	VIVILLE	IIII	WINIE	riscar rear	IKI	WIVIKI
North Carolin																								
NAVY - CAMP	LEJEUNE MCB / N	C4173	302258000 / NPL / R	AB / C	TECH																			
I	RP Sites and MRSs by C	Classific	eation		Study	186	6	3	12	7	4			\$49,569	\$4,674	\$408	\$909	\$628	\$2,182	\$0	\$2,487	FY13	\$4,285	\$2,338
Response Complete 14	Response Complete	6			IRA	23(23)	0(0)	0(0)	0(0)					\$31,655	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$3,373	\$3,137
High	6 MRSPP-1	0	MRSPP-7	0	Design	37	4	0	0	1	16			\$4,553	\$0	\$11	\$0	\$112	\$0	\$0	\$0	FY15	\$3,372	\$1,697
Medium	0 MRSPP-2	0	MRSPP-8	2	RA-C	34	4	5	0	10	16			\$34,935	\$0	\$2,150	\$0	\$2,429	\$0	\$979		FY16	\$13,250	\$3,412
Low	0 MRSPP-3	1	Evaluation Pending	5	RA-O	42	3	13	0	6	0			\$48,990	\$0	\$3,688	\$0	\$2,455	\$0	\$1,845		FY11-Comp		\$102,872
Not Evaluated	10 MRSPP-4	4	No Known/Suspected	5	LTM	13	3	21	0	23	16			\$3,858	\$0	\$476	\$0	\$1,040	\$0	\$833		FY11-Comp		\$85,150
Not Required	33 MRSPP-5	3	No Longer Required	1	IRP Fi	nal RC:	FY 205	7	MRS Fina	ıl RC: FY	2057		Total	\$173,560	\$4,674	\$6,733	\$909	\$6,664	\$2,182	\$3,657	\$2,487	FY11-Comp	lete	\$188,028
Total IRP Sites	96 MRSPP-6	1	Total MRSs	22	Five-Y	ear Revie	w Underv	vay																
IRP Progress Re in FY10:  IRP Progress Planned Re for FY11-FY12:											MMRI	Progress	Progress in FY10: s Planned 11-FY12:	Ü										
NAVY - CHER	RY POINT MCAS / 1	NC417	/302726100 / NPL / I	RAB							-													
, T	RP Sites and MRSs by C	laccific	eation		Study	97	0	0	3	11	0			\$22,931	\$2,835	\$0	\$491	\$0	\$306	\$0	\$421	FY13	\$3,430	\$517
	Response Complete	0	ation		IRA	26(35)	0(0)	0(0)	0(0)		-			\$7,924	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$5,059	\$526
High	1 MRSPP-1	0	MRSPP-7	1 0	Design	29	0	1	0	0	3			\$7,892	\$0	\$903	\$0	\$93	\$0	\$0		FY15	\$8,977	\$1,131
Medium	0 MRSPP-2	2.	MRSPP-8	1	RA-C	30	0	1	0	10	3			\$19,811	\$0	\$230	\$0	\$1,113	\$0	\$1,996		FY16	\$5,680	\$452
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	17	0	25	0	12	3			\$33,258	\$0	\$3,450	\$0	\$2,763	\$0	\$2,917		FY11-Comp		\$57,428
Not Evaluated	11 MRSPP-4	0	No Known/Suspected	0	LTM	4	0	4	0	12	1			\$2,450	\$0	\$120	\$0	\$109	\$0	\$134		FY11-Comp		\$38,152
Not Required	40 MRSPP-5	0	No Longer Required	0			FY 2042	2	MRS Fina		7 2040		Total	\$94,266	\$2.835	\$4,703	\$491	\$4,078	\$306	\$5,047		FY11-Comp		\$95,580
Total IRP Sites	08 MRSPP-6	0	Total MRSs	3	1				Planned fo		2010			. ,	. ,	. , ,		. , , .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
IRP Progress Re in FY10:  IRP Progress Planned Re for FY11-FY12:	Ü	MMRI	Progress	Progress in FY10: s Planned 11-FY12:	Č																			
FORMEDI V II	CED DEFENCE CUT	EC DI	III I DAN / NIC4070	00E0715	700																			
	SED DEFENSE SIT			7777/17	Study	0	0	0	1	0	0			\$0	\$125	\$0	\$12	\$0	\$0	\$0	60	FY13	\$0	\$0
	RP Sites and MRSs by C	Jassific	ation		IRA	0(0)	0(0)	0(0)	0(0)	U	U			\$0	\$125	\$0	\$12	\$0 \$0	\$0	\$0		FY13 FY14	\$0 \$0	SC
Response Complete High	0 Response Complete 0 MRSPP-1	0	MRSPP-7	1 0	Design	0(0)	0(0)	0(0)	0(0)	0	1	<del>                                     </del>		\$0 \$0	\$0		\$0	\$0 \$0	\$0	\$0		FY14 FY15	\$0 \$0	\$0
Medium	0 MRSPP-1	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0 \$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending		RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0		FY11-Comp		\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	1	LTM	0	0	0	0	0	- 0			\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0		FY11-Comp		\$52,56
Not Required	0 MRSPP-5	0	No Longer Required	0	_						7 2062		Total	\$0 <b>\$0</b>	\$125	\$0 <b>\$0</b>	\$12	\$0 <b>\$0</b>	\$0	\$0 <b>\$0</b>		FY11-Comp		\$52,561
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	IKPFI	nal RC:	rĭ -		MRS Fina	u KC: F1	2002		10121	<b>\$0</b>	\$125	\$0	\$12	\$0	\$0	\$0	\$0	r i i i - Comp	icie	φυ2,501
IRP Progress No in FY10:  IRP Progress Planned No for FY11-FY12:	D IRP sites identified.				J						MMRI	Progress	Progress in FY10: s Planned 11-FY12:	Finalize MM	IRP SI repo	rt and close S					_		_	
														Prioritize fut	ure work w	hen all other	MMRP SIs a	ire complete.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-0 State	us of Histaliation	WIL	111111111111111111111111111111111111111	пріс	iioii C	OSt L	Stillia	ite G	catci	Tilali	ΨΙΟς	000,0	00						Вете	noe Envn	Ollificiliai K	esteration	Trogram
DoD Comp	onent - Installatio	n / Fl	FID / NPL or P	ropose	ed NPI	/ BR	AC Y	ear / ]	RAB / G	CTC D	elta f	rom I	Y09*										
_						Com	pleted	Und	erway	Fut	ure	FY10	Schedule	Costs Through		Funds				Planning			
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Im	pact**	FY10 (\$000)	Obligat	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
									ctions)			-	MMRP	IRP MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
North Carol	ina																						
	USED DEFENSE SIT	FS - C	HARLOTTE ARM	v mis	PL / NC	49 <b>7</b> 99F	483800	/ C-FS	г														
TORINDRIDI				1 11115	_	1)1))1	0	0 0		0	0	_		\$2,445 \$0	S	1 50	\$0	\$0	So	0.0	EX/12	\$195	
D G 1/	IRP Sites and MRSs by C	Classific	ation .		Study	1			Ü	-	0	_		\$2,445 \$0 \$0 \$0			\$0				FY13	\$1,534	
Response Complete High	0 Response Complete 1 MRSPP-1	0	MRSPP-7	Ι .	IRA Design	0(0)	0(0)	0(0)	0(0)	0	0			\$0 \$0 \$273 \$0			\$0	-			FY14 FY15	\$1,534	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0			\$0 \$0			\$1,385	\$0	_		FY16	\$1,235	
Low	0 MRSPP-3		Evaluation Pending	0	RA-O	0	0	0	0	,	0	-		\$0 \$0			\$1,383	\$0	_		FY11-Comp		\$19,4
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0 \$0			\$0	\$0			FY11-Comp		
Not Required	0 MRSPP-5	0	No Longer Required	0			FY 202	Ů	MRS Fina	IDC: EX			Total	\$2.718 \$0	\$2:				_		FY11-Comp		\$19,4
Total IRP Sites	1 MRSPP-6	0	Total MRSs	0	IKPF	nai KC:	FY 202	U	MKS FIR	ai KC: F	ı -		Total	\$2,718 \$0	\$2.	\$0	\$1,390	30	\$1,400	\$0	r i i i - Comp	iete	φ12,-
			Total WIKSS									100	D D										
in FY10:	B Decision Document review in pro	ogress.										MMK	in FY10:	No MMRP sites identifi	ied.								
IRP Progress Planned for FY11-FY12:	Anticipate final signature of Deci- : : Will award Remedial Action in la		ument in FY11.						MMRI		ss Planned Y11-FY12:	No MMRP sites identifi	ied.										
FORMERLY	USED DEFENSE SIT	ES - C	HARLOTTE NAV	AMM l	DEPO / I	NC4979	9F4900	00 / C-	TECH / (	C-EST													
	IRP Sites and MRSs by 0	Classific	ation	Study	3	0	0	1	0	0			\$2,892 \$164	\$	\$0	\$0	\$0	so	\$0	FY13	\$814		
Response Complete	2 Response Complete	0		0(0)	0(0)					\$0 \$0	\$	\$0	\$0	\$0	so	\$0	FY14	\$1,381					
High	1 MRSPP-1	0	MRSPP-7	1	0	0	1			\$293 \$0	\$2	\$0	\$139	\$0	so	\$0	FY15	\$1,381					
Medium	0 MRSPP-2	0	MRSPP-8	0	0	1	1			\$2 \$0	\$	\$0	\$1,102	\$0	\$1,451	\$0	FY16	\$1,244					
Low	0 MRSPP-3	0	Evaluation Pending	0	0	1	0			\$0 \$0	\$	\$0	\$22	\$0	\$571	\$0	FY11-Comp	. IRP	\$13,0				
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	0	1	1			\$11 \$0	\$	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$1,0
Not Required	0 MRSPP-5	1	No Longer Required	0	IRP F	nal RC:	FY 202	0	MRS Fina	al RC: FY	Y 2035		Total	\$3,198 \$164	\$2	\$0	\$1,263	\$0	\$2,022	\$0	FY11-Comp	lete	\$14,1
Total IRP Sites	3 MRSPP-6	0	Total MRSs	1																			
IRP Progress in FY10:	B Decision Document review in pro	ogress										MMR	P Progress in FY10:	No progress reported.									
IRP Progress Planned for FY11-FY12:	Decision Document approved in  Award Removal Action in late F		1.								MMRI		ss Planned Y11-FY12:	No actions planned.									
FORMERLY	USED DEFENSE SIT	ES - C	P BUTNER TRNG	CMP/	NC4979	9F4827	00 / RA	B / C-E	ST	_					_								
	IRP Sites and MRSs by 0	Classific	ation		Study	2	0	0	1	0	0			\$298 \$3,021	\$		\$0	\$194	\$0		FY13	\$0	
Response Complete	2 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0 \$891	\$	\$0	\$0	\$0	SC		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	1	$\vdash$		\$0 \$0	\$		\$0	\$0	\$0		FY15	\$0	\$4
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	1	0	0			\$25 \$9,062	\$	\$2,663	\$0	\$100	SC		FY16	\$0	S
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0	$\vdash$		\$0 \$0	\$	\$0	\$0	\$0	\$0		FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	0	0	1			\$0 \$0	\$	\$0	\$0	\$0	\$0		FY11-Comp		\$14,0
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY 199	9	MRS Fina	al RC: FY	Y 2028		Total	\$323 \$12,974	\$	\$2,663	\$0	\$294	\$0	\$2,061	FY11-Comp	lete	\$14,0
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1																			
IRP Progress in FY10:	No progress reported.											MMR	P Progress in FY10:	Final units awarded to c	omplete Rn	A-C in late F	Y10.						
IRP Progress Planned for FY11-FY12:											MMRI		V11.FV12.	Complete RmA-C in FY		Rutner MRSs							

Initiate RI/FS for other areas of the Butner MRSs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Con	nponent - Installation	n / FF	FID / NPL or Pr	opose	ed NPI	L/BR	AC Y	ear / I	RAB / (	СТС Г	elta f	rom F	Y09*											
				_		Com	pleted	Und	erway	Fut	ure			Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12	Planning			
					Phase			IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								Sites (A				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
North Card	olina																							
_	LY USED DEFENSE SITI	ES - CI	P MACKALL / NC4	49 <b>7</b> 99F	488800																			
Полимен	IRP Sites and MRSs by C			.,,,,,	Study	1	0	0	1	0	0	I		\$0	\$202	\$0	\$0	So.	\$0	SO	0 \$0	FY13	\$0	S
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)	-				\$0	\$0				* 1	SC		FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	I 0	Design	1	0	0(0)	0	0	1			\$0	\$0		_			\$(		FY15	\$0	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	1			\$0	\$0			_		SC		FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0					SC		FY11-Comp		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0			-		SC		FY11-Comp		\$82.80
Not Required	0 MRSPP-5	0	No Longer Required	0			FY 199		MRS Fina		-		Total	\$0	\$202	\$0		\$0	\$0	\$0		FY11-Comp		\$82,80
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1	11111	nai KC.	11 1))	1	WIKS FINE	arke. F	1 2072		10441	Ψ	<b>\$202</b>	Ψ	φσ	ψ0	Ψ	Ψ,	φσ	T T T Comp	icte	4,
IRP Progr in FY IRP Progress Plant for FY11-FY	ned No actions planned.										MMRI	Progres	in FY10:	No progress										
FORMERI	LY USED DEFENSE SIT	ES - Cl	P/FT DAVIS / NC49	9799F4	82800																			
	IRP Sites and MRSs by C	laccific	ation		Study	2	0	0	1	0	0			\$257	\$175	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	S
Response Complete	2 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0					\$0		FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	1			\$0	\$0					SC		FY15	\$0	<u> </u>
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	1			\$26	\$0	\$0		_	\$0	\$0		FY16	\$0	<u> </u>
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	_	FY11-Comp	. IRP	9
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$55,43
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY 199	9	MRS Fina	al RC: F	Y 2051		Total	\$283	\$175	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$55,43
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1	1											•		•						
IRP Progr in FY IRP Progress Plant for FY11-FY	ned No actions planned.										MMRI	P Progres	in FY10:	No progress										
FORMERI	LY USED DEFENSE SIT	ES - DI	RUMMOND POIN	T / NC4	19 <b>7</b> 99F9	71900																		
•	IRP Sites and MRSs by C	lassific	ation		Study	0	1	0	0	0	0			\$0	\$127	\$0	\$13	\$0	\$0	\$0	\$0	FY13	\$0	5
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	:
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	5
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	5
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	5
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$55,8
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -		MRS Fina	al RC: F	2062		Total	\$0	\$127	\$0	\$13	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$55,80
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progr in FY	ress No IRP sites identified.  10:											MMRP	Progress in FY10:	MMRP SI I	nvestigation	completed.								
IRP Progress Plant for FY11-FY	ned No IRP sites identified.  12:										MMRI	Progres for FY	11-FY12:	Finalize MN Delineate pr Prioritize fu	rojects as ne	eded.	RP SIs are co	mplete.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installation	ı / FF	FID / NPL or P	ropose	ed NPl	L/BR	AC Y	ear / I	RAB /	CTC 1	Delta f	rom F	Y09*											
						Com	pleted	Und	lerway	Fu	ture		Schedule			FY10			xecution				4-10-4-	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Esuma	ited Costs	(\$000)
								Sites (A	(Actions			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
North Caro	lina																							
FORMERL	Y USED DEFENSE SITE	ES - LA	AURINBURG-MAX	XTON A	AB / NC	49799F	482900	/ C-TE	СН															
	IRP Sites and MRSs by C	lassifica	ation		Study	3	2	0	5	0	0			\$1,156	\$2,545	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	3 Response Complete	2			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	so	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	5			\$73	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	1	0	4			\$453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	so	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	2	LTM	3	0	0	0	0	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$12,964
Not Required	0 MRSPP-5	0	No Longer Required	0	IRPF	inal RC:	FY 200	5	MRS Fina	al RC: F	Y 2035		Total	\$1,682	\$2,545	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$12,964
Total IRP Sites	3 MRSPP-6	0	Total MRSs	7																				
IRP Progres	ss No progress reported. 0:											MMRI	Progress in FY10:	No progress	reported.									
IRP Progress Planne for FY11-FY12	ed No actions planned. 2:										MMRI		s Planned '11-FY12:	No actions	planned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Comp	onent - Installation	/FI	FID / NPL or Pr	opose	ed NPI	/ BR	AC Y	ear / F	RAB / G	CTC D	elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure		Schedule		hrough				xecution			Estimo	ted Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Esuma	teu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
North Dakot	ta																							
AIR FORCE	- MINOT AIR FORCE	BASI	C / ND857212475800	/ RAB	/ C-EST																			
	IRP Sites and MRSs by C	lassific	ation		Study	11	1	0	3	7	0			\$2,232	\$2,399	\$0	\$1,700	\$0	\$540	\$4,346	\$748	FY13	\$0	\$1,303
Response Complete	10 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$77	\$368
High	0 MRSPP-1	0	MRSPP-7	0	Design	5	0	0	0	0	0			\$1,820	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$86
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	7	1	0	0	0	3			\$7,231	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$123	\$78
Low	0 MRSPP-3	0	Evaluation Pending	3	RA-O	3	0	0	0	0	0			\$283	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	IRP	\$6,075
Not Evaluated	7 MRSPP-4	0	No Known/Suspected	0	LTM	0	1	2	0	0	3			\$1,688	\$0	\$363	\$0	\$0	\$0	\$248	\$0	FY11-Comp	MMRP	\$4,227
Not Required	1 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 201	9	MRS Fina	al RC: FY	2014		Total	\$13,254	\$2,399	\$363	\$1,700	\$0	\$540	\$4,594	\$748	FY11-Comp	lete	\$10,302
Total IRP Sites	18 MRSPP-6	0	Total MRSs	4																				
IRP Progress in FY10:	Continued LTM at SS-09 and LF-0	)2.										MMRI	Progress in FY10:			al basewide C	SE Phase II	Report. All	MMRP Sites	were scored	under the MR	SPP requirement.	A basewide RI	with EE/CAs
IRP Progress Planned for FY11-FY12:	Continue LTM LF-02 and SS-09 a	s agreed	by state.								MMRI		s Planned '11-FY12:	Complete th	ne RI and El	E/CAs scoped	and awarded	l in FY10.						

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Con	non	ent - Installatio	n / Fl	FID / NPL or Prop	ose	d NPI	, / BR	AC Y	ear / ]	RAB/	CTC D	elta f	rom F	Y09*											
202 001	- <b>P</b> -0-1-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Phase	Com	pleted	Und	erway MMRP	Fut	ıre	FY10 S	chedule act**	Costs T FY10			Funds ed (\$000)				Planning ite (\$000)	Estima	nted Costs	(\$000)
									Sites (A	actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Northern N	/Iar	iana Island	S																						
_				AFTAN BOMB STOR	AGE	/ CN99	799F69	2900																	
T GALLANDA		RP Sites and MRSs by			102	Study	0	0	0	1	0	0			\$0	\$130	\$0	\$130	\$0	\$50	so	\$330	FY13	\$0	5
Response Complete		Response Complete		ation		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$150			\$0				FY14	\$0	\$2.09
High		0 MRSPP-1		MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0			\$0				FY15	\$0	
Medium		0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	:
Low		0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$0	FY11-Comp	. IRP	
Not Evaluated		0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$15,8
Not Required		0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -		MRS Fina	l RC: FY	2049		Total	\$0	\$130	\$0	\$130	\$0	\$50	\$0	\$330	FY11-Comp	lete	\$15,80
Total IRP Sites		0 MRSPP-6	0	Total MRSs	1													•		•		•	_		
IRP Progr in FY IRP Progress Plant for FY11-FY	10: ned No	IRP sites identified.  IRP sites identified.					MMRI	Progres	Progress in FY10: s Planned 111-FY12:				nitiated. ct two fiscal y	ears.											
FORMEDI	VII	SED DEFENSE SIT	rec - N	ORTH FIELD / CN997	00F3	372000																			
FORWIER					Study	0	0								0100		0100		050			TITI A			
	11	RP Sites and MRSs by	Classific	ation	0	1	0	0			\$0	\$128			\$0		\$0		FY13	\$0	5				
Response Complete		Response Complete  MRSPP-1	0	MRSPP-7	IRA Design	0(0)	0(0)	0(0)	0(0)	0	1			\$0 \$0	\$0 \$0	_		\$0 \$0				FY14 FY15	\$0 \$0	5	
High Medium		0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0			\$0				FY16	\$0	3
Low		0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0			\$0			_	FY11-Comp		<u> </u>
Not Evaluated		0 MRSPP-4		No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0			\$0			_	FY11-Comp		\$13,7
Not Required		0 MRSPP-5	0	No Longer Required	0		nal RC:			MRS Fina			-	Total	\$0	\$128			\$0	\$50	\$0		FY11-Comp		\$13,70
Total IRP Sites		0 MRSPP-6	0	Total MRSs	1	IKI F	nai RC.			WIKS THE	n KC. FI	2072		10441	ΨΟ	Ψ120	4.0	ψ120	φσ	φυσ	Ψ.	ψ <b>2</b> 0	T T T Comp	icic	+,.
IRP Progr in FY IRP Progress Plant for FY11-FY	10: ned No	IRP sites identified.	•									MMRI	P Progres	in FY10:				iated in FY10							
FORMER	LY US	SED DEFENSE SIT	TES - O	RDNANCE PLAN / CN	1997	99F240	600																		
	11	RP Sites and MRSs by	Classific	ation		Study	0	0	0	1	0	0			\$0	\$133	\$0	\$133	\$0	\$50	\$0	\$95	FY13	\$0	9
Response Complete		Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$(	\$0	FY14	\$0	\$72
High		MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0			\$0				FY15	\$0	5
Medium		0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	_		\$0				FY16	\$0	9
Low		0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	_		\$0			_	FY11-Comp		
Not Evaluated		0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0			\$0				FY11-Comp		\$102,8
Not Required		0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -		MRS Fina	d RC: FY	2054		Total	\$0	\$133	\$0	\$133	\$0	\$50	\$0	\$95	FY11-Comp	lete	\$102,87
Total IRP Sites		MRSPP-6	0	Total MRSs	1																				
IRP Progr in FY IRP Progress Plant for FY11-FY	10: ned No	IRP sites identified.  IRP sites identified.										MMRI	P Progres	in FY10:				iated in FY20							

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-0 Sta	itus of Installation	is wit	II F 1 11 to Co	mpiei	Jon C	USI E	Suma	ite G	reater	Tilali	φ10,0	,00,00	<i></i>							Delei	ise Elivii	ronmental Res	storation	Triogram
DoD Con	nponent - Installatio	n / FI	FID / NPL or P	ropose	d NPI	L/BR	AC Y	ear / ]	RAB /	CTC I	Delta f	rom F	Y09*											
							pleted		lerway		ture		Schedule act**	Costs T FY10	hrough (\$000)	FY10 Obligate		FY11 Ex	xecution d (\$000)		Planning te (\$000)	Estimate	ed Costs	(\$000)
					Phase	IRP			MMRP	IRP	MMRP				/									. ,
								Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<u>Ohio</u>																								
ARMY - R	AVENNA ARMY AMM	UNITIO	ON PLANT / OH52	1382073	3600 / R	AB																		
	IRP Sites and MRSs by	Classific	ation		Study	31	5	36	15	0	0			\$28,500	\$12,732	\$1,645	\$7,406	\$2,252	\$368	\$1,466	\$952	FY13	\$5,304	\$697
Response Complete	25 Response Complete	5			IRA	8(8)	1(2)	2(2)	0(0)					\$2,474	\$374	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$4,193	\$5,97
High	6 MRSPP-1	0	MRSPP-7	0	Design	3	0	22	5	13	10			\$25	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$5,050	\$35
Medium	15 MRSPP-2	0	MRSPP-8	0	RA-C	3	0	23	5	14	10			\$23,740	\$0	\$0	\$0	\$62	\$0	\$63	\$0	FY16	\$12,712	\$2,27
Low	8 MRSPP-3	2	Evaluation Pending	2	RA-O	0	0	0	0	1	0			\$10,859	\$0	\$10,859	\$0	\$0	\$0	\$0		FY11-Comp.		\$42,52
Not Evaluated	13 MRSPP-4	3	No Known/Suspected	1	LTM	0	0	1	0	6	14			\$15,237	\$0	\$2,447	\$0	\$1,993	\$0	\$2,513	\$0	FY11-Comp.	MMRP	\$12,64
Not Required	0 MRSPP-5	6	No Longer Required	5	IRP F	inal RC:	FY 202	4	MRS Fina	al RC: F	Y 2019		Total	\$80,835	\$13,106	\$14,951	\$7,406	\$4,307	\$368	\$4,042	\$952	FY11-Comple	ete	\$55,16
Total IRP Sites	67 MRSPP-6	1	Total MRSs	20	Five-Y	ear Revie	ew Planne	d for Fut	ture															
IRP Progr in FY	10: 05, and 16. A DQO report and I ESS, deep well monitoring, and	PMP were Load Line	completed for RVAAP-05. ( s 1-4 were completed. RVA	QCPs were	completed for erly monito	or RVAAP	-05 and 66.	Reports of	n cleanup go	als, an		MMRF	in FY10:	plan, and a	groundwater	plan were co	ompleted. Tv	wo TPP meet	ings were he	ld and a PMI	P and work pla	Final explosive sites p an were completed for 4 of Rocket Ridge (re	r the FY09 si	ites. A PMP and
	ned Remedial fieldwork will be com 12: investigations (RIs) will be com RVAAP-66 quarterly monitoring	pleted and	feasibility studies (FSs) will	be initiated	for the 17 n						MMRI		s Planned 111-FY12:							for two of th	ese sites will	be initiated. RIs for t	he optional l	BA09 sites will
AIR FORG	CE - WRIGHT PATTERS	SON Al	R FORCE BASE /	OH557	1724312	00 / NP	L / BRA	AC 200	5 Realign	ment / ]	RAB / C	-EST												
<b>T</b>	IRP Sites and MRSs by	Classific	ation		Study	73	1	0	0	0	0			\$115,695	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$2,381	\$(
Response Complete	68 Response Complete	1			IRA	33(36)	0(0)	1(1)	0(0)					\$6,864	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$1,901	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	0			\$14,116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,925	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	5	0	0	0	0	0			\$37,997	\$0	\$0	\$0	\$1,302	\$0	\$0	\$0	FY16	\$1,924	\$
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	12	0	4	0	0	0			\$20,216	\$0	\$1,637	\$0	\$1,086	\$0	\$630	\$0	FY11-Comp.	IRP	\$35,67
Not Evaluated	1 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	13	0	0	0			\$3,826	\$0	\$169	\$0	\$1,383	\$0	\$863	\$0	FY11-Comp.		9
Not Required	4 MRSPP-5	0	No Longer Required	1	IRP F	inal RC:	FY 202	8	MRS Fin:	al RC: F	Y 2003		Total	\$198,714	\$0	\$1,806	\$0	\$3,771	\$0	\$1,493	\$0	FY11-Comple	ete	\$35,67
Total IRP Sites	73 MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	w Compl	leted and	Planned fo	or Future														
in FY	ned Refer to Page F-198.										MMRI	Progres	Progress in FY10: s Planned 111-FY12:		-									
FORMER	LY USED DEFENSE SIT	ES - L	OCKBOURNE AIF	R FORC	E BASI	E / OH5	9799F3	63700 /	RAB / C	C-EST														
	IRP Sites and MRSs by	Classific	ation		Study	5	1	2	1	0	0			\$7,263	\$212	\$300	\$0	\$142	\$83	\$500	\$347	FY13	\$4,016	\$5
Response Complete	4 Response Complete	1			IRA	2(2)	0(0)	0(0)	0(0)					\$1,297	\$0	\$34	\$0	\$0	\$0	\$0	\$0	FY14	\$5,755	\$7
High	3 MRSPP-1	0	MRSPP-7	0	Design	0	0	2	0	1	1			\$3,246	\$0	\$97	\$0	\$615	\$0	\$0	\$0	FY15	\$1,418	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	1	3	0	0	1			\$2,298	\$7	\$0	\$0	\$843	\$0	\$1,724	\$0	FY16	\$2,674	\$46
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	3	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$48,55
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	1	1	0	2	1			\$14	\$12	\$0	\$2	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$10,07
Not Required	0 MRSPP-5	0	No Longer Required	1	IRP F	inal RC:	FY 201	7	MRS Fin:	al RC: F	Y 2025		Total	\$14,118	\$231	\$431	\$2	\$1,600	\$83	\$2,224	\$347	FY11-Comple	ete	\$58,63
Total IRP Sites	7 MRSPP-6	0	Total MRSs	2																				
IRP Progr in FY	ress Four active projects. Landfill: S 10: firing range. Finalized workplar Report. Possible CWM: No evi	ns for Phas	e II SI. Contaminated Soil: F	Action Me Removed fre	mo approve ee product fi	d to remov rom subsur	e lead conta face. Revie	minated so	oil from old i MNA Evalua	ndoor ation		MMRF	Progress in FY10:	The INPR t	o approve ne	ew projects is	pending app	roval.						

IRP Progress Planned Landfill: Finalize FS and initiate the RA-C. Various AOCs: Complete the removal action, finalize SI and develop remedial design. Contaminated Soil: for FY11-FY12: Continue removal of free product; evaluate future actions based on results. Develop and implement remedial design for groundwater MNA Possible CWM: NDAI the project.

MMRP Progress Planned Once approved, plan and initiate projects identified in the INPR. for FY11-FY12:

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	ponent - Installation	n / FFID / NPL or Pr	oposeo	d NPI	L / BR	AC Y	ear / I	RAB /	CTC I	Delta f	rom F	Y09*	7										
					Com	pleted	Und	erway	Fut	ure		Schedule			FY10			xecution				. 10 4	(0000)
			]	Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
							Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Ohio																							
	Y USED DEFENSE SITE	ES - PLUM BROOK ORD	WORK	KS / OH	159799F	364100	/ RAB	/ C-EST															
<u> </u>	IRP Sites and MRSs by C	Classification		Study	8	1	10	0	0	0			\$26,071	\$0	\$3,650	\$0	\$3,774	\$0	\$1,957	\$0	FY13	\$4,153	\$0
Response Complete	7 Response Complete	1		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$5,614	\$0
High	6 MRSPP-1	0 MRSPP-7	0	Design	3	0	3	0	6	0			\$86	\$0	\$15	\$0	\$13	\$0	\$445	\$0	FY15	\$3,996	\$0
Medium	2 MRSPP-2	0 MRSPP-8	0	RA-C	1	0	2	0	8	0			\$11,440	\$0	\$3,564	\$0	\$3,084	\$0	\$3,326	\$0	FY16	\$354	\$0
Low	3 MRSPP-3	0 Evaluation Pending	0	RA-O	1	0	0	0	0	0			\$167	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$111,152
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0	LTM	6	1	1	0	7	0			\$408	\$5	\$103	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$0
Not Required	0 MRSPP-5	0 No Longer Required	1	IRP Fi	inal RC:	FY 201	.9	MRS Fin	al RC: F	Y 1994		Total	\$38,172	\$5	\$7,332	\$0	\$6,871	\$0	\$5,728	\$0	FY11-Compl	lete	\$111,152
Total IRP Sites	18 MRSPP-6	0 Total MRSs	1																				
	0: Draft Delineation Report for Pento	varded RA-C contract in FY10. Completed Draft s for Garage Maintenance Area. Contin	FS Addend								MMRI	Progress in FY10:	No progress	reported.									
	2: Redwater Pond Delineation Repor	11 and complete in FY12. Complete Dirt in FY11 and FS Addendum in FY12. 11 and PP in FY12. Continue RAB in I	Complete P	PP for Grou						MMRI		s Planned 11-FY12:		planned.									

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

	<u> </u>	/ FFID / NPL or Prop	poseu i	Ī	Comp			erway		ure		Schedule	Costs T	rough	FY10 I	Funds	FY11 Ex	ecution	FV12.1	Planning			
			Ph	ase				MMRP				act**	FY10 (		Obligate		Planned			te (\$000)	Estim	ated Costs	(\$000)
			1 11	ase	IKI		Sites (A		IKI	WIWIKI	IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP 1	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRF
Oklohomo											III		IIII .	VIVIXI	III	VIIVII	III I	TIVITAL	III	WINIE	riscar rear	IKI	WIWIKI
<u>Oklahoma</u>																							
ARMY - FOI	RT SILL / OK6213720846	600 / C-TECH																					
	IRP Sites and MRSs by Cla	assification		udy	70	0	0	3	0	0		FUND	\$2,450	\$2,776	\$0	\$1,275	\$0	\$1,728	\$0		FY13	\$501	S
Response Complete	70 Response Complete	0		RA	0(0)	0(0)	0(0)	0(0)				REG	\$2,632	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$510	\$5
High	0 MRSPP-1	0 MRSPP-7		sign	2	0	0	0	0	2		REG	\$73	\$0	\$0	\$0	\$0	\$248	\$0		FY15	\$520	5
Medium	0 MRSPP-2	0 MRSPP-8		A-C	8	0	0	0	0	2		FUND	\$15,506	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$527	
Low	0 MRSPP-3	1 Evaluation Pending		A-O	0	0	0	0	0	0	_		\$981	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$4
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 L	ГМ	5	0	9	0	0	1			\$2,743	\$0	\$1,973	\$0	\$1,669	\$0	\$517	\$0	FY11-Comp	o. MMRP	\$9
Not Required	0 MRSPP-5	No Longer Required	0 II	RP Fir	al RC:	FY 201	0	MRS Fina	al RC: F	Y 2015		Total	\$24,385	\$2,776	\$1,973	\$1,275	\$1,669	\$1,976	\$517	\$0	FY11-Comp	olete	\$13,
Total IRP Sites	70 MRSPP-6	0 Total MRSs	3 Fi	ive-Ye	ar Revie	w Compl	eted and	Planned fo	or Future														
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No actions planned.									MMRI	P Progre	in FY10:	be complete FSILL-001-	d in 2010. A R-01. S for site FS	PBA contraction	et is expected	to be awarde	d in summer	r of 2010 w	hich will cove ts of the fields	for the FSILL-001- r the FSILL-001-R work will determine edial action will be	-02 site. NFA i	s expected fo
<u> </u>													Consultation	with the Tri	bes under Se	ection 106 wi	ll continue.						
ARMY - MC	ALESTER ARMY AMM	IUNITION PLANT / OK62	1382295	100 /	C-TEC	CH																	
	IRP Sites and MRSs by Cla	assification	Stu	udy	49	1	0	6	0	0			\$8,986	\$2,983	\$0	\$73	\$0	\$26	\$0	\$714	FY13	\$31	:
Response Complete	46 Response Complete	1	II	RA	4(4)	0(0)	0(0)	0(0)					\$2,473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$27	\$4
High	0 MRSPP-1	0 MRSPP-7	0 <b>De</b> :	sign	9	0	1	0	0	5			\$1,107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$482	
Medium	2 MRSPP-2	0 MRSPP-8	0 RA	A-C	9	0	2	0	0	5			\$6,937	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$412	
Low	o MRSPP-3	0 Evaluation Pending	1 RA	A-O	1	0	2	0	1	0			\$265	\$0	\$56	\$0	\$56	\$0	\$37	\$0	FY11-Comp	. IRP	\$9
Not Evaluated	0 MRSPP-4	1 No Known/Suspected	0 L7	ГМ	0	0	6	0	0	5			\$374	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. MMRP	\$6
Not Required	1 MRSPP-5	4 No Longer Required	1 II	RP Fir	al RC:	FY 204	0 1	MRS Fina	al RC: F	Y 2016		Total	\$20,142	\$2,983	\$56	\$73	\$56	\$26	\$37	\$714	FY11-Comp	olete	\$15,
Total IRP Sites	49 MRSPP-6	0 Total MRSs	7 Fi	ive-Ye	ar Revie	w Compl	eted and	Underway													_		
in FY10:	sites are under a PBA contract. ODI MCAAP-048. ISEB/bioaugmentatio	AP-002. Monitored Natural Attenuation	mentation pla the MNA cor	an (CM) rrective	IP) for site actions at	MCAAP-0 MCAAP-0	046 and CM 146 and MC	IIP addendu AAP-048. F	m for site ive-year	MMRI	P Progre	in FY10:	Program (M The RI will site characte	MRP) sites a continue und rization. The	er the PBA;	it includes th	e installation feasibility stu	of groundwa	ater monito	ring wells, wit	underway for Milit h a munitions and a construction) [RA( m management (L'	explosives of co	oncern (MEC nated soil
AIR FORCE	- ALTUS AIR FORCE B	BASE / OK657152404500 / F	BRAC 20	005 R		nent / F	RAB / C	-EST					-				-				•		
	IRP Sites and MRSs by Cla	assification	-	udy	24	1	0	3	0	0			\$26,079	\$346	\$0	\$0	\$0	\$0	\$0		FY13	\$2,332	
Response Complete	12 Response Complete	0	II	RA	11(19)	0(0)	0(0)	0(0)					\$23,900	\$0	\$0	\$0	\$0	\$0	\$0			\$933	
High	0 MRSPP-1	0 MRSPP-7	0 <b>De</b> :	sign	0	0	0	0	0	3			\$97	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$614	
Лedium	0 MRSPP-2	0 MRSPP-8	0 RA	A-C	4	0	0	0	0	3			\$764	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$586	
ow	o MRSPP-3	0 Evaluation Pending	4 RA	A-O	0	0	8	0	0	0			\$5,004	\$0	\$383	\$0	\$1,162	\$0	\$692	\$0	FY11-Comp	o. IRP	\$11
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 L7	ГМ	0	0	0	0	10	3			\$685	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. MMRP	
	12 MRSPP-5	0 No Longer Required	0 11	RP Fir	al RC:	FY 202	1	MRS Fina	al RC: F	Y 2015		Total	\$56,529	\$346	\$383	\$0	\$1,162	\$0	\$692	\$0	FY11-Comp	olete	\$11
Not Required																							
Not Required  Fotal IRP Sites	24 MRSPP-6	0 Total MRSs	4 Fi	ive-Ye	ar Revie	w Planne	d for Futu	ire															

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-o Stati	us of installations	s with FY11 to Comp	letion	Cost E	suma	ite G	reater	1 nan	\$10,0	,,,,,	)U							Derei	ise Envir	ronmental Restorati	on Program
DoD Comp	onent - Installation	/ FFID / NPL or Propo	sed NI	L / BR	AC Y	ear / ]	RAB /	CTC D	elta f	rom F	Y09*										
				Com	pleted	Und	lerway	Fut	ure			Costs Th		FY10			xecution		Planning	Estimated Cos	ts (\$000)
			Phase	IRP			MMRP	IRP 1	MMRP	Imp	act**	FY10 (\$	(000)		d (\$000)		d (\$000)		te (\$000)		ιs (φυσυ)
						Sites (A	Actions)			IRP	MMRP	IRP N	<b>IMRP</b>	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMRP
Oklahoma																					
AIR FORCE	- TINKER AIR FORCE	E BASE / OK657172439100 / N	NPL / BR	AC 2005	Realign	ment /	RAB														
<b>Y</b>	IRP Sites and MRSs by C	lassification	Study	40	0	0	0	15	0			\$60,017	\$0	\$0	\$0	\$3,591	\$0	\$0	\$0	FY13 \$4,9	01
Response Complete	30 Response Complete	0	IRA	21(43)	0(0)	0(0)	0(0)					\$54,462	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14 \$2,1	53
High	0 MRSPP-1	0 MRSPP-7	0 Design	n 8	0	0	0	0	0			\$16,376	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15 \$4,3	58
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-0	10	0	0	0	0	0			\$30,072	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16 \$1,5	97 :
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-0	6	0	10	0	0	0			\$41,624	\$0	\$227	\$0	\$3,769	\$0	\$6,475	\$0	FY11-Comp. IRP	\$47,4
Not Evaluated	15 MRSPP-4	0 No Known/Suspected	0 LTM	10	0	6	0	10	0			\$19,956	\$0	\$81	\$0	\$415	\$0	\$322	. \$0	FY11-Comp. MMR	P
Not Required	10 MRSPP-5	0 No Longer Required	0 IRP	Final RC:	FY 202	3	MRS Fina	al RC: FY	<i>'</i> -		Total	\$222,507	\$0	\$308	\$0	\$7,775	\$0	\$6,797	\$0	FY11-Complete	\$47,40
Total IRP Sites	55 MRSPP-6	0 Total MRSs	0 Five-	Year Revi	ew Compl	eted and	Planned fo	r Future													
	Refer to Page F-174.									MMRF		No MMRP sit	tes identifie	ed.							
in FY10	:										in FY10:										
IRP Progress Planned	I D. C D E 174								ммрі	<b>Р</b> иодиос	c Dlannad	No MMRP sit		1							
for FY11-FY12									MINIKI		11-FY12:	No MMRP si	tes identifie	ed.							
◆ AIR FORCE	- VANCE AIR FORCE	BASE / OK657152409500 / R	AB																		
	IRP Sites and MRSs by C	lassification	Study	36	5	1	9	0	0			\$17,181	\$487	\$125	\$0	\$0	\$736	\$0	\$921	FY13 \$1,5	76 \$1,26
Response Complete	28 Response Complete	0	IRA	13(21)	0(0)	0(0)	0(0)					\$5,485	\$0	\$0	\$0	\$0	\$0	\$0		FY14 \$9	90 \$86
High	0 MRSPP-1	0 MRSPP-7	0 Design		0	0	0	0	7			\$3,112	\$0	\$0	\$0	\$0	\$0	\$0		FY15 \$1,0	76 5
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	10	0	0	0	0	9			\$8,762	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16 \$1,2	70 5
Low	1 MRSPP-3	0 Evaluation Pending	14 RA-C	0	0	8	0	2	0			\$7,421	\$0	\$521	\$0	\$1,058	\$0	\$1,980	\$0	FY11-Comp. IRP	\$12,6
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	3	0	1	0	9	9			\$2,924	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MMR	P \$4,2
Not Required	8 MRSPP-5	0 No Longer Required	0 IRP	Final RC:	FY 202	3	MRS Fina	al RC: FY	2014		Total	\$44,885	\$487	\$646	\$0	\$1,058	\$736	\$1,980	\$921	FY11-Complete	\$16,92
Total IRP Sites	37 MRSPP-6	0 Total MRSs	14 Five-	Year Revi	w Compl	eted and	Planned fo	r Future				•									•
IRP Progress	RA-O for O&M for GTUs/Comp !	Monitoring; O&M Site DP-05; Utilities-Grou	ındwater Trea	tment Units;	and Utilities	s-Groundw	rater Treatme	nt Units.		MMRF	Progress	Completed the	e draft final	l basewide C	SE Phase II	Report. All	MMRP Sites	were scored	under the MF	RSPP requirement. Implements	d a removal action
in FY10	•										in FY10:	awarded in F	Y09.			•					
										_											
for FY11-FY12	ERP Community Involvement Plan	n; RA-O for O&M GTUS / Compliance Mor	nitoring; and U	tilities-Grou	ndwater Tre	atment Ur	iits.		MMRI		s Planned 11-FY12:	Complete ren	noval action	is awarded in	1 FY09.						
FORMERLY	USED DEFENSE SITE	ES - CAMP GRUBER / OK69	799F6360	00																	
	IRP Sites and MRSs by C		Study	_	0	0	1	0	0			\$12	\$1,602	\$0	\$24	\$0	\$83	\$0	\$77	FY13	\$0 \$80
Response Complete	0 Response Complete	nassification 0	IRA	0(0)	0(0)	0(0)	0(0)	-				\$0	\$0	\$0		\$0		\$0			50 \$6
High	0 MRSPP-1	0 MRSPP-7	0 Design		0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$77	\$0			50 \$1
Medium	0 MRSPP-2	1 MRSPP-8	0 RA-C		0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$876	\$0			\$0 \$1,59
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-C		0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. IRP	
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	+	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. MMR	
Not Required	0 MRSPP-5	0 No Longer Required		Final RC:			MRS Fina				Total	\$12	\$1,602	\$0	\$24	\$0	\$1,036	\$0		FY11-Complete	\$17,84
Total IRP Sites	0 MRSPP-6	0 Total MRSs	1																		
JRP Progress	No IRP sites identified.									MMRF	Progress	Continued RI	/FS fieldwa	ork and other	associated a	ctivities for	site				
in FY10											in FY10:		J nowwe	una calci							

IRP Progress Planned No IRP sites identified. for FY11-FY12:

MMRP Progress Planned Finalize RIFS and evaluate future funding for DD recommendations. Continue coordination with stakeholders.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	oonent - Installation	/FF	FID / NPL or Pi	opose	d NPI	Z / BR	AC Y	ear / I	RAB / G	CTC I	Delta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ture		Schedule		hrough				xecution			E-4:	-4-3 C4-	(\$000)
					Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Esuma	ated Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Oklahoma																								
FORMERLY	Y USED DEFENSE SITE	S - O	KLAHOMA ORDN	IANCE	WORK	S/OK	69 <b>7</b> 99F	636200																
,	IRP Sites and MRSs by Cl	assific	ation		Study	1	0	1	1	0	0			\$738	\$165	\$2	\$0	\$0	\$0	\$560	\$0	FY13	\$475	\$0
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3	\$0
High	1 MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	0	1			\$143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$13	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	1			\$281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$451	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$3,216
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1			\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$23,336
Not Required	o MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 201	.6	MRS Fina	ıl RC: F	Y 2043		Total	\$1,166	\$165	\$2	\$0	\$0	\$0	\$560	\$0	FY11-Comp	olete	\$26,552
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10	s ROE issues not resolved. Minimal:	funding	in FY 11 Work Plan.									MMRI	Progress in FY10:			r one MRS at			sues at site.					
IRP Progress Planned for FY11-FY12	Resolve ROE issues. Re-open HT Conduct comprehensive RI/FS.	RW pro	oject in attempt to comply wit	th owners re	equest to ex	pedite exec	cution of co	mprehensiv	e investigati	on.	MMRI		s Planned 11-FY12:	Evaluate fu	ture funding	for RIFS at o	one MRS - co	ontingent up	on resolution	of ROE issue	es at site.			

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Comp	Ref																							
																						Estima	ted Costs	(\$000)
	Prise							icu costs	(ψοσο)															
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
<b>Oregon</b>																								
_	ACKAMAS/CAMP WI	ТНҮС	OMBE / OR021184	1A3500																				
<u> </u>	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	2	0	0			\$0	\$1,069	\$0	\$1,069	\$0	\$124	\$0	\$0	FY13	\$0	5
esponse Complete		0			IRA	0(0)	0(0)	0(0)	1(1)					\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	:
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	S
ow	o MRSPP-3	0	Evaluation Pending	2	RA-O	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	MMRP	\$2
ot Required	Property   Property   Completed   Completed   Completed   Const.   Property   Filt   Property   P				\$2																			
otal IRP Sites	Property   Property																							
												MMRI		Complete si	te inspection	ı (SI).								
IRP Progress Planne for FY11-FY12											MMRI			Begin record	d of decision	n (ROD) prej	parations.							
ARMY - UM	IATILLA CHEMICAL	DEPO	T / OR02138209170	0 / NPI	/ BRAC	2005	Closure	/ RAB	/ C-REC	G/C-ES	Т													
•	IRP Sites and MRSs by C	Classific	ation		Study	117	1	0	1	0	0			\$20,983	\$7	\$0	\$7	\$0	\$0	\$0	\$279	FY13	\$2,277	5
esponse Complete	116 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$590	\$140	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,612	\$1
igh	1 MRSPP-1	0	MRSPP-7	0	Design	12	1	0	0	1	1			\$397	\$91	\$0	\$0	\$747	\$0	\$0	\$0	FY15	\$3,041	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	13	1	0	0	1	1			\$28,675	\$856	\$0	\$0	\$298	\$0	\$1,911	\$0	FY16	\$0	
ow	o MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	0	0	1	0			\$3,031	\$0	\$338	\$0	\$0	\$0	\$314	\$0	FY11-Comp	. IRP	\$1
ot Evaluated	o MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	1	1	1			\$1,575	\$0	\$58	\$0	\$109	\$60	\$88	\$0	FY11-Comp	. MMRP	\$1
ot Required	0 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 201	5	MRS Fin	al RC: F	Y 2015		Total	\$55,251	\$1,094	\$396	\$7	\$1,154	\$60	\$2,313	\$279	FY11-Comp	lete	\$2
otal IRP Sites	117 MRSPP-6	0	Total MRSs	2	Five-Y	ear Revi	ew Compl	leted and	Planned fo	or Future											•			
IRP Progres in FY10	S Refer to Page F-185.											MMRI			ge F-185.									
IRP Progress Planne for FY11-FY12											MMRI			Refer to Pag	ge F-185.									
FORMERL	Y USED DEFENSE SITI	ES - B	OARDMAN AIR FO	ORCE	RANGE	/ ORO	9799F30	7600																
1	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	7	0	0			\$0	\$144	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
esponse Complete		0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	
igh		0	MRSPP-7	1	Design	0	0	0	0	0	7			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0		0	0	0	0	0	7			\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	
w	0 MRSPP-3	0	Evaluation Pending	3		0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0			. IRP	
ot Evaluated	0 MRSPP-4	2		0	-			_	0							_						_		<b>\$</b> :
ot Required	0 MRSPP-5	1		0	<u> </u>								Total											
otal IRP Sites		0		7						NC. I	2000			40			Ψ	φσ	Ψ	Ψ	φσ	11 comp		
	S No IRP sites identified.				1							MMRI	Progress in FY10:	No progress	reported.									
IRP Progress Planne	d No IRP sites identified.										MMRI	P Progres	s Planned	No actions p	olanned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

		. / Tel	TID / NIDI D		JAIDI	/ DD	A C 37	/ T	) A D / /	OTO D	\_14_ £	E	<b>X</b> 700*											
DoD Compo	Complete   Index																							
	Part			(\$000)																				
					rnase	IKI				IKI	VIIVIKI	IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Ficeal Voor	IDD	MMPP
0									,			III	WINIKI	IKI I	VIIVIKI	IKI	MINIKI	IKI	WIWIKI	IIII	WIWIKI	riscai Teai	IKI	MIMIKI
Oregon																								
FORMERLY	USED DEFENSE SITI	Phase   Phas		/ OR097	799F306	700																		
	IRP Sites and MRSs by C	lassific	ation		Study	2	0	1	1	0	0			\$19	\$279	\$6	\$0	\$430	\$0	\$0	\$0	FY13	\$399	\$0
Response Complete	2 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$12	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	1	1			\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$25	\$(
Medium	Part			\$0	\$0	\$0	\$0	FY16	\$400	\$0														
Low	R.Y. U.S.ED DEFENSE SITES - CAMP ADMIRADARY S/0809799F Solution   Solution		\$9,45																					
Not Evaluated	1 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	1			\$61	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$78,14
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	0	MRS Fina	al RC: FY	Y 2046		Total	\$648	\$279	\$6	\$0	\$430	\$0	\$0	\$0	FY11-Comp	lete	\$87,59
Total IRP Sites	3 MRSPP-6	0	Total MRSs	1	1																			
IRP Progress in FY10:	Project/property documentation re	viewed i	n preparation for execution of	a Site Insp	ection.							MMRF		No progress	reported.									
IRP Progress Planned for FY11-FY12:	Conduct a Site Inspection.										MMRI			No actions p	lanned.									
FORMERLY	USED DEFENSE SITI	ES - K	INGSLEY FIRING	RANG	E ANNI	EX / OR	09799F	808700	)															
	IRP Sites and MRSs by C	lassific	ation		Study	0	0	0	1	0	0			\$0	\$154	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	o MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$12,60
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	al RC: FY	2038		Total	\$0	\$154	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$12,607
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY10:											MMRI	P Progres	in FY10: s Planned											
FORMERLY	USED DEFENSE SITE	ES - N.	AV AIR STA, TON	GUE P	OINT / O	OR0979	9F3147	00																
	IRP Sites and MRSs by C	lassific	ation		Study	4	0	1	1	0	0			\$9,275	\$163	\$554	\$0	\$520	\$0	\$104	\$0	FY13	\$4,198	\$(
Response Complete	4 Response Complete	0			IRA	2(2)	0(0)	0(0)	0(0)					\$936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$9,527	\$0
High	1 MRSPP-1	0	MRSPP-7	0	Design	3	0	1	0	0	1			\$1,957	\$0	\$0	\$0	\$0	\$0	\$1,344	\$0	FY15	\$1,845	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	4	0	1	0	0	1			\$9,585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$5,890	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$30,113
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	3	0	0	0	0	1			\$397	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$3,73
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	9	MRS Fina	al RC: FY	2056		Total	\$22,150	\$163	\$554	\$0	\$520	\$0	\$1,448	\$0	FY11-Comp	lete	\$33,852
Total IRP Sites	5 MRSPP-6	0	Total MRSs	1	Five-Ye	ear Revie	w Planne	d for Fut	ure													-		
in FY10:	RI/FS phase work.  Complete RI/FS and work on rem	edial deci	ion nhase		•						ММВІ		in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Don Comp	oonent - Installation	11 / 11	ELD / INI L. OI FIO	pose	u 1111									G4 7	Pl	EX74.0	F d-	DX/11 E		EX/10 1	N	1		
							pleted		erway	Fut		FY10 S Imp	chedule		Through (\$000)		Funds ed (\$000)		xecution			Estima	ited Costs	(\$000)
					Phase	IRP				IRP 1	MMRP				. ,									
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Oregon																								
FORMERLY	Y USED DEFENSE SIT	ES - N	ORTHWEST MANE	UVER	AREA	/ OR09	9 <b>799F3</b> 1	12000																
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$239	\$	\$4	\$0	\$0	\$0	\$0	FY13	\$0	
esponse Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
)W	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$54,
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	1	MRS Fina	al RC: FY	2051		Total	\$0	\$239	\$	\$4	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$54,0
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10:	:										MMRI		in FY10:			ompleted wi	th recommend	ation for furt	her investigati	ion.				
in FY10:	d No IRP sites identified.										MMRI	Progres				ompleted wi	th recommend	ation for furt	her investigati	ion.				
in FY10:	d No IRP sites identified.	ES - O	LD CAMP ABBOTT	' / OR0	9 <b>7</b> 99F3	07000					MMRI	Progres	in FY10: Planned			ompleted wi	th recommend	ation for furt	her investigati	ion.				
in FY10:	d No IRP sites identified.				9799F3 Study	<b>07000</b>	0	0	1	0	MMRI 0	Progres	in FY10: Planned		s planned.				her investigati	son.	\$0	FY13	\$0	
in FY10:	d No IRP sites identified.  Y USED DEFENSE SITI						0 0(0)	0 0(0)	1 0(0)	0		Progres	in FY10: Planned	No actions	s planned.	\$	) \$0		\$0			FY13 FY14	\$0 \$0	
in FY10: IRP Progress Planned for FY11-FY12: FORMERLY esponse Complete	d No IRP sites identified.  Y USED DEFENSE SITI	Classific 0			Study	0	-	_	1 0(0) 0	0		Progres	in FY10: Planned	No actions	s planned.	s s	) \$0 ) \$0	\$0	\$0	\$0	\$0	<u> </u>		
in FY10: IRP Progress Planned for FY11-FY12: FORMERLY esponse Complete	d No IRP sites identified.  Y USED DEFENSE SITI IRP Sites and MRSs by C  Response Complete	Classific 0	ation	0	Study IRA	0 0(0)	0(0)	0(0)			0	Progres	in FY10: Planned	No actions \$6	\$ planned.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	) \$0 ) \$0 ) \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	FY14	\$0	
in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY  esponse Complete igh edium	d No IRP sites identified.  Y USED DEFENSE SITI IRP Sites and MRSs by C  Response Complete  MRSPP-1	Classific 0	ation MRSPP-7	0	Study IRA Design	0 0(0) 0	0(0)	0(0)	0	0	0	Progres	in FY10: Planned	No actions SC SC	s planned.  0 \$253 0 \$60 0 \$60 0 \$60	s	) \$0 0 \$0 0 \$0 0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$0 \$0 \$0	
in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY  esponse Complete ligh edium  ow of Evaluated	d No IRP sites identified.  Y USED DEFENSE SITI IRP Sites and MRSs by C  Response Complete  MRSPP-1  MRSPP-2  MRSPP-3  MRSPP-4	Classific 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected	0 0	Study IRA Design RA-C	0 0(0) 0 0	0(0)	0(0)	0	0	0	Progres	in FY10: Planned	\$0 \$0 \$0 \$0	\$ planned.  \$ \$2533  \$ \$0 \$0 \$0  \$ \$0 \$0  \$ \$0 \$0  \$ \$0 \$0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	) \$0 ) \$0 ) \$0 ) \$0 ) \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$00 \$00 \$00	\$0 \$0 \$0 \$0	FY14 FY15 FY16	\$0 \$0 \$0	\$21,
in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY esponse Complete ligh edium low of Evaluated	d No IRP sites identified.  Y USED DEFENSE SITI IRP Sites and MRSs by C  Response Complete  MRSPP-1  MRSPP-2  MRSPP-3	Classific 0	MRSPP-7 MRSPP-8 Evaluation Pending	0 0	Study IRA Design RA-C RA-O LTM	0 0(0) 0 0	0(0)	0(0)	0 0 0	0	0 1 1 0 1 1	Progres	in FY10: Planned	\$0 \$0 \$0 \$0 \$0 \$0	\$ planned.  \$ \$253  \$ \$0 \$0  \$	S  S  S  S  S  S  S  S  S  S  S  S  S	0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$00 \$00 \$00 \$00	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$0 \$0 \$0 \$0 • IRP	\$21, \$21,
in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY  esponse Complete gh edium ow ot Evaluated ot Required	d No IRP sites identified.  Y USED DEFENSE SITI IRP Sites and MRSs by C  Response Complete  MRSPP-1  MRSPP-2  MRSPP-3  MRSPP-4	Classific 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected	0 0	Study IRA Design RA-C RA-O LTM	0 0(0) 0 0 0	0(0)	0(0)	0 0 0	0 0 0	0 1 1 0 1 1	Progres	in FY10: Flanned 11-FY12:	No actions  50  50  50  50  50  50  50  50  50  5	\$ planned.  \$ \$253	S  S  S  S  S  S  S  S  S  S  S  S  S	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$00 \$00 \$00 \$00 \$00 \$00	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$0 \$0 \$0 \$0 • IRP	\$21,
in FY10:  IRP Progress Planned for FY11-FY12:  FORMERLY  desponse Complete ligh fledium ow for Evaluated for Evaluated for Required for Evaluated for Required for Required	d No IRP sites identified.  Y USED DEFENSE SITI  IRP Sites and MRSs by C  Response Complete  MRSPP-1  MRSPP-2  MRSPP-3  MRSPP-3  MRSPP-4  MRSPP-5  MRSPP-5  MRSPP-6  S No IRP sites identified.	Classific 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required	0 0	Study IRA Design RA-C RA-O LTM	0 0(0) 0 0 0	0(0)	0(0)	0 0 0	0 0 0	0 1 1 0 1 1	Progress for FY	in FY10: Flanned 11-FY12:	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$ planned.  \$ \$2533  \$ \$0 \$0 \$0  \$ \$0 \$0  \$ \$0 \$0  \$ \$253	S  S  S  S  S  S  S  S  S  S  S  S  S	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$00 \$00 \$00 \$00 \$00 \$00	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$0 \$0 \$0 \$0 • IRP	

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

	W. FORT INDIANTOWN GAP TRAINING SITE   PA3211842807000																							
	Part   Part																							
	Property   Property					(\$000)																		
		Phase						Sites (A	Actions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Pennsylvani	a																							
	Part   Part																							
Main Tol	Property   Property																							
esponse Complete	Part   Part																							
igh		0	MRSPP-7	0				- ` '		0	1	-							4.0					
ledium		1		0	-	1		_	-		-													-
ow	Part   Part																							
ot Evaluated	Part   Part					\$2																		
ot Required	0 MRSPP-5	0		5	_	nal RC•		6	MRS Fin		7 2018		Total					\$0				-		
otal IRP Sites	Property   Property			· ·																				
	Property   Property																							
												MINIKI		The KI conti	mueu m nsca	ıı year (r 1)	10.							
											MMRI			The RI/feasi	bility study	FS) will con	ntinue.							
101 F111-F112.	•											101 F 1	11-F 1 12.											
ADMV - IFH	IO DA ADNC / DA32119	2/20N/	200								''													
ARMIT - JFT					C4		0				0			60	6541	60	6541	60	6001	60	61.000	EX712	60	
		lassifica	ation I							0	0	-												
esponse Complete		0	A CORD C								_	-												
igh ledium								_		_		-												
ow								_		_		-												
	-							_	-		0	_									_	_		61
ot Evaluated ot Required					<del></del>						1		m . 1											
otal IRP Sites	Part   Part					\$1.																		
	Part   Part																							
IRP Progress in FY10:	No IRP sites identified.											MMRF	Progress in FY10:	An SI was a	warded and	nitiated in F	Y10.							
											MMRI	P Progres	s Planned	The SI is exp	pected to be	completed in	n FY12.							
for FY11-FY12:	:											for FY	11-FY12:											
A																								
NAVY - WA	RMINSTER NAWC / P.	A3170	02454500 / NPL / BR	AC 19	91/1995	/ RAB																		
	IRP Sites and MRSs by C	lassifica	ation		Study	10	0	0	0	0	0			\$8,343	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$606	
esponse Complete		0			IRA	0(0)	0(0)	0(0)	0(0)					\$421		\$0		\$0		\$0			\$606	
gh		0		0	-			_		0														
edium		0		0	_	8	0	0	0	0	0			\$7,997		\$0		\$0	\$0	\$0				
ow		0		0		3		_	_									\$606						\$1
ot Evaluated	-	0		0	LTM	1	0	0	0	0	0			\$106	\$0	\$0	\$0	\$0	\$0	\$0				
ot Required	Process				FY11-Comp	lete	\$1																	
otal IRP Sites	Phase     Phase																							
												MMRF		No MMRP s	sites identifie	d.								
in FY10:	•																							

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

												Y09*											
				L	Comp	leted	Unde	erway	Fut	ure			Costs Thre FY10 (\$0		FY10 l Obligate		FY11 Ex Planned			Planning ite (\$000)	Estima	ted Costs	(\$000)
			Pl	hase	IRP 1				IRP 1	MMRP	ımp	act**	F 1 10 (\$0	<i>,</i> 00) (	Julgate	ս (ֆսսս)	riannec	ι (φυυυ)	Estima	te (\$000)	Listina	eteu Costs	(ψοσο)
							Sites (A	ctions)			IRP	MMRP	IRP M	MRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
ennsylvania																							
		A317002231200 / NPL / RA	AB / C-TI	ECH/	C-EST	ı																	
	IRP Sites and MRSs by Cl			Study	12	0	2	0	0	0			\$8,225	\$0	\$564	\$0	\$0	\$0	\$0	\$0	FY13	\$188	
esponse Complete	10 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$996	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$167	
igh	3 MRSPP-1	0 MRSPP-7	0 <b>D</b>	Design	0	0	0	0	0	0			\$600	\$0	\$27	\$0	\$805	\$0	\$0		FY15	\$154	
Iedium	0 MRSPP-2	0 MRSPP-8	0 R	RA-C	0	0	0	0	0	0			\$1,250	\$0	\$264	\$0	\$160	\$0	\$190		FY16	\$157	
ow	o MRSPP-3	0 Evaluation Pending	0 R	RA-O	0	0	0	0	0	0			\$623	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$17,4
ot Evaluated	0 MRSPP-4	0 No Known/Suspected	0 I	LTM	0	0	0	0	0	0			\$471	\$0	\$0	\$0	\$5	\$0	\$5		FY11-Comp.		
ot Required	1 MRSPP-5	0 No Longer Required	0	IRP Fin	nal RC:	FY 2028	8 1	MRS Fina	al RC: FY	Υ -		Total	\$12,165	\$0	\$855	\$0	\$970	\$0	\$195	\$0	FY11-Comp	lete	\$17,4
otal IRP Sites	14 MRSPP-6	0 Total MRSs	0 I	Five-Ye	ar Revie	w Planne	d for Futu	ire					•			•							,
IRP Progress Fin FY10:	Refer to Page F-197.									MMDI		in FY10:	No MMRP site										
for FY11-FY12:							/= /=			MMKI		711-FY12:	No MMRP site	s identifie	d.								
DEFENSE LO	GISTICS AGENCY - I	DSC PHILADELPHIA / P						/ C-EST															
	IRP Sites and MRSs by Cl	assification	S	Study	48	0	0	0	0	0			\$5,973	\$0	\$0	\$0	\$0	\$0	\$0		FY13	\$889	
esponse Complete	47 Response Complete	0		IRA	5(6)	0(0)	0(0)	0(0)					\$2,054	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$914	
igh	0 MRSPP-1	0 MRSPP-7		Design	16	0	0	0	0	0			\$1,882	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$889	:
Iedium	0 MRSPP-2	0 MRSPP-8		RA-C	22	0	0	0	0	0			\$9,841	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$889	
ow	0 MRSPP-3	0 Evaluation Pending		RA-O	0	0	1	0	0	0			\$14,132	\$0	\$1,787	\$0	\$1,127	\$0	\$904		FY11-Comp.		\$10,3
ot Evaluated	0 MRSPP-4	0 No Known/Suspected		LTM	0	0	0	0	1	0			\$300	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		
ot Required	1 MRSPP-5	No Longer Required	0	IRP Fin	nal RC:	FY 2015	5 I	MRS Fina	al RC: FY	Y -		Total	\$34,182	\$0	\$1,787	\$0	\$1,127	\$0	\$904	\$0	FY11-Comp	lete	\$10,3
otal IRP Sites	48 MRSPP-6	0 Total MRSs	0																				
IRP Progress F in FY10:												in FY10:	No MMRP site										
IRP Progress Planned F for FY11-FY12:	Refer to Page F-44.									MMRI		11-FY12:	No MMRP site	s identifie	d.								
◆ FORMERLY !	USED DEFENSE SITE	S - FRANKFORD ARSEN	NAL / PA	39799	F14470	00																	
	IRP Sites and MRSs by Cl	assification	S	Study	4	2	2	0	2	0			\$4,946	\$1,227	\$821	\$0	\$338	\$0	\$219	\$0	FY13	\$219	
esponse Complete	4 Response Complete	1	]	IRA	1(1)	0(0)	0(0)	0(0)					\$52	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$318	
igh	1 MRSPP-1	0 MRSPP-7	0 <b>D</b>	Design	3	0	0	0	4	0			\$223	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$296	
Iedium	0 MRSPP-2	0 MRSPP-8	0 R	RA-C	3	0	0	0	4	1			\$1,648	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0 Evaluation Pending	1 R	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$19,2
ot Evaluated	3 MRSPP-4	0 No Known/Suspected	0 I	LTM	1	1	0	0	4	1			\$26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. MMRP	\$2,3
ot Required	0 MRSPP-5	0 No Longer Required	1	IRP Fin	nal RC:	FY 2010	6 1	MRS Fina	al RC: FY	Y 2021		Total	\$6,895	\$1,227	\$821	\$0	\$338	\$0	\$219	\$0	FY11-Comp	lete	\$21,5
otal IRP Sites	8 MRSPP-6	0 Total MRSs	2										•										
	FY 10: Partially completed Area I subprojects. Initiated Area II Site I	Soil NTCRA (contigent on Site Owner Investigation.	property dem	nolision p	rogress). I	Jpdate and	create CTC	s for each o	of the 4 site		MMRI	Progress in FY10:	No progress rep	ported.									

for FY11-FY12: FY 12: Initiate Area I Soil Feasibility Study. Start Area II RI. Complete Area III SI. Start Area IV Site Investigation.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

\*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding
Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatior	ı / FI	FID / NPL or P	ropose	ed NPI	Z / BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure		chedule		hrough	FY10			xecution			Estima	ted Costs	(0002)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Esuma	ieu Cosis	(φυυυ)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Pennsylvania	a																							
FORMERLY	USED DEFENSE SITE	ES - T	OBYHANNA ART	ILLER	Y RANG	E / PA	39799F	147000																
	IRP Sites and MRSs by C	lassific	ation		Study	0	16	0	0	0	0			\$0	\$916	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$187
Response Complete	0 Response Complete	1			IRA	0(0)	2(2)	0(0)	0(0)					\$0	\$4,353	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$97
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	1	0	1	0	7			\$0	\$137	\$0	\$27	\$0	\$0	\$0	\$0	FY15	\$0	\$12
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	3	0	6			\$0	\$4,212	\$0	\$4,212	\$0	\$0	\$0	\$0	FY16	\$0	\$12
Low	0 MRSPP-3	0	Evaluation Pending	15	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	16			\$0	\$0	\$0	\$0	\$0	\$4	\$0	\$12	FY11-Comp.	MMRP	\$93,091
Not Required	0 MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY -		MRS Fina	al RC: FY	2034		Total	\$0	\$9,618	\$0	\$4,239	\$0	\$4	\$0	\$12	FY11-Compl	lete	\$93,091
Total IRP Sites	0 MRSPP-6	0	Total MRSs	16																				
IRP Progress in FY10:	No IRP sites identified.											MMRI	Progress in FY10:	Decision D at end of F	ocument for Y 10 using D	all 16 MRSs ASA-ESOH <sub>I</sub>	was approve blus-up funds	d by ACSIN s (\$4.03M).	I on 6 Sept 20	10. PBA co	ntract for MM	removal in MRS-2	B and MRS-20	was awarded
IRP Progress Planned for FY11-FY12:											MMRF		s Planned 11-FY12:	Perform M	EC removal	in MRS-2B a	nd MRS-2C.	Perform ad	ditional inves	tigation and	removal in otl	ner MRSs if funding	; is available.	

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	ponent - Installatio	on / FFID / NPL or Propo	sed NP	L/BF	RAC Y	ear / l	RAB/	CTC I	)elta f	rom F	Y09*											
				Com	pleted	Und	erway	Fut	ure		Schedule		hrough	FY10		FY11 Ex				E-4:4	4-3 C-4-	(\$000)
			Phase	IRP	MMRF	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Esumat	ted Costs	(\$000)
						Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Puerto Rico	)																					
NAVY - PU	ERTO RICO NAVACT	/ PR217004000300 / BRAC 199	5																			
	IRP Sites and MRSs by		Study	16	0	24	2	0	0			\$14,563	\$2,400	\$6,893	\$608	\$2,228	\$1,803	\$1,874	\$654	FY13	\$630	S
Response Complete	6 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$4,664	\$0	\$0	\$0	\$825	\$0	\$0			\$702	
High	1 MRSPP-1	0 MRSPP-7	1 Design	4	0	7	0	14	2			\$767	\$0	\$122	\$0	\$399	\$0	\$201	\$288	FY15	\$701	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	4	0	11	0	16	2			\$18,566	\$0	\$230	\$0	\$376	\$0	\$9,050	\$1,031	FY16	\$714	
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	3	0	8	0			\$1,762	\$0	\$800	\$0	\$624	\$0	\$975		FY11-Comp.	IRP	\$48,4
Not Evaluated	29 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	3	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$9,6
Not Required	4 MRSPP-5	0 No Longer Required		-	FY 204	1	MRS Fina	ıl RC+ F	V 2017		Total	\$40,322	\$2,400	\$8,045	\$608	\$4,452	\$1,803	\$12,100		FY11-Compl		\$58,0
Total IRP Sites	40 MRSPP-6	0 Total MRSs	2	mai RC.	11 204	-	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	arke. I	2017			4,	72,000	4-9-12	4000	7.,	42,000	, , , , , , , , , , , , , , , , , , ,	72,11	TTT Comp		
IRP Progre	SS Refer to Page F-125.									MMRI	Progress in FY10:	Refer to Pa	ge F-125.									
IRP Progress Planne for FY11-FY12									MMRI		ss Planned 711-FY12:	Refer to Pa	ge F-125.									
NAVY - PO	OSEVELT DOADS CA	MP GARCIA / PR21730000740	0 / NDI /	DAR					JI.													
NAVI-RO			Study	11	0	1	0	0	0	_		\$3,870	\$0	\$1,771	\$0	\$125	\$0	so	0.3	FY13	\$993	
B G 1/	IRP Sites and MRSs by	Classification	IRA	+		<u> </u>	-	-	0			\$1,057	\$0	\$1,771	\$0	\$123	\$0	\$0			\$2,426	
Response Complete High	11 Response Complete 0 MRSPP-1	0 MRSPP-7		0(0)	0(0)	1(1)	0(0)		0			\$1,057	\$0	\$0	\$0		\$0			FY14	\$2,426 \$560	:
Medium	1 MRSPP-2	0 MRSPP-8	0 Design 0 RA-C	0	0	_	0	1	0			\$1,155	\$0	\$0	\$0	\$229 \$0	\$0			FY15 FY16	\$244	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0	1	0			\$1,133	\$0	\$0	\$0	\$0	\$0			FY11-Comp.		\$13,1
Not Evaluated	0 MRSPP-4	0 No Known/Suspected		+	0	_		1				\$0	\$0	\$0					_	FY11-Comp.		\$13,1
Not Required	0 MRSPP-5	0 No Longer Required	0 LTM	0		0	0	<u> </u>	0		Total	\$6,545	\$0		\$0 <b>\$0</b>	\$0 \$354	\$0 <b>\$0</b>	\$918		FY11-Compl		\$13,1
Total IRP Sites	12 MRSPP-6	0 Total MRSs	0 IRP	final RC:	FY 202	1	MRS Fina	al RC: F	Y -		Total	\$6,545	\$0	\$1,771	\$0	\$354	\$0	\$918	\$0	F 111-Compi	ete	\$15,1
	SS Refer to Page F-129.	0 Total MRSs	0							MMDI	P Progress	N. MADD	-1411416	. 1								
in FY10	0:									MINIKI	in FY10:	NO MMKP	sites identific	ea.								
IRP Progress Planne	ed Pafar to Paga E 120								MMRI	P Progres	ss Planned	No MMDD	citac idantific	vl								
for FY11-FY12									WINIKI		711-FY12:	NO WINIKP	sites identific	zu.								
NAVY - VII	EQUES EAST / PR2170	06932100							_													
1	IRP Sites and MRSs by	Classification	Study	0	0	0	17	0	0			\$0	\$19,315	\$0	\$2,966	\$0	\$4,617	\$0	\$3,490	FY13	\$0	\$19,7
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$14,575	\$0	\$14,575	\$0	\$13,953	\$0	\$16,198	FY14	\$0	\$21,0
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	15			\$0	\$2,311	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$20,8
Medium	0 MRSPP-2	15 MRSPP-8	0 RA-C	0	0	0	0	0	15			\$0	\$73,707	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$21,7
Low	o MRSPP-3	1 Evaluation Pending	0 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	_	FY11-Comp.	IRP	
Not Evaluated	o MRSPP-4	1 No Known/Suspected	0 LTM	0	0	0	0	0	14			\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$356,6
Not Required	o MRSPP-5	0 No Longer Required		inal RC:	FY -		MRS Fina				Total	\$0	\$109,908	\$0	\$17,541	\$0	\$18,570	\$0		FY11-Comple		\$356,6
Total IRP Sites	0 MRSPP-6		17					1			1									P		
	ss No IRP sites identified.									MMRI	P Progress in FY10:	Refer to Pa	ge F-129.									
IRP Progress Planne for FV11-FV1									MMRI		s Planned	Refer to Pa	ge F-129.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP	Sites and MRSs by Cla tesponse Complete MRSPP-1				Phase		MMRP				ure	FY10 S	Schedule	Costs Tl	rough	FY10	Funds	FV11 Ex	xecution	FY12 I	Planning			
NAVY - VIEQUES   IRP	Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta   Form   FY10   Substitution   FY10   Familia   FY10   Familia   FY10																							
NAVY - VIEQUES   IRP	Component - Installation   FFID   NPL or Proposed NPL   BRAC Very   RAB   CTC Delta   For Normal   Proposed NPL   Brace   NPL		ted Costs	(\$000)																				
NAVY - VIEQUES   IRP	Sites and MRSs by Cla tesponse Complete MRSPP-1											_	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
NAVY - VIEQUES   IRP	Sites and MRSs by Cla tesponse Complete MRSPP-1																							
IRP	Sites and MRSs by Cla tesponse Complete MRSPP-1			NPL/	RAB/	C-TECI	H																	
Response Complete         10         F           High         5         N           Medium         0         N	Response Complete  MRSPP-1	0		112 23 /				5	1	I 1	0			\$10.431	\$6.760	\$330	\$400	\$318	\$120	\$138	02	EV12	\$288	\$9
High 5 Medium 0 M	MRSPP-1	U	<del>.</del>						0(0)	,	0	-												S
Medium 0 N		0	MDCDD 7	0						0	1													5
	11(3) 1 -2			0	-				-															
LOW	Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY09*							\$6,2																
Not Evaluated 0 N	Complement			\$4,																				
		0		0					_		1		m . 1		-				-					\$10,7
*		0		1	IRPF	nal RC:	FY 201.	3	MRS Fina	al RC: FY	2014		Total	\$15,384	\$10,594	\$339	\$2,400	\$339	\$1,341	\$230	\$112	F 111-Comp	iete	\$10,
		٥	Total MKSs									1000												
											MMRI	P Progres	in FY10:											
FORMERLY USE	DEFENSE SITES	S - CU	ULEBRA PUERTO	RICO	/ PR297	99F414	300 / R	AB / C	-EST															
IRP	Sites and MRSs by Cla	assifica	ntion		Study	0	1	1	12	0	0			\$1,347	\$8,590	\$87	\$3,583	\$0	\$300	\$249	\$480	FY13	\$128	
		1			<u> </u>	0(0)	1(1)	0(0)							\$0	\$0	\$0	\$0	\$0				\$146	
		0	MRSPP-7	0				· · ·		1	- 11													
ŭ				0				0	3	1													\$0	
		$\overline{}$		0	_			_		1													IRP	\$1,2
		6	- U	1				_	-	-								-						\$79,
	Component - Installation / FFID / NPL or Proposed NPL / BRAC Year / RAB / CTC Delta from FY09*												\$80,7											
*		0		13	111111	nai KC.	11 201	•	WIKS FIII	ar RC. F	1 2032		10	ψ1,710	<b>\$10,700</b>	ųo,	φοιροσο	ΨΟ	φυσσ	Ų <b>2</b> 1)	<b>\$100</b>	1 111 Comp	ictc	
in FY10:			ate RI/FS phase.								MMRI	P Progres	in FY10:											
FORMERLY USE	DEFENSE SITE	S - DE	ESECHEO ISLAND	/ PR2	9799F41	4400					'													
IRP	Sites and MRSs by Cla	assifica	ntion		Study	0	0	0	1	0	0			\$0	\$240	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete 0 I	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High 0 N	MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium 0 N	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low 0 N	ARSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0			. IRP	
Not Evaluated 0 N	IRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$11,
Not Required 0 N	ARSPP-5	0	No Longer Required	0		nal RC:	FY -		MRS Fin	al RC: FV	7 2072		Total											\$11,0
*		_		1		AC.			.viss) Fills	IV. I'				Ψ3	Ψ2.0	φ0	ψ0	Ψθ	Ψθ		ΨΦ	- III Comp		
IRP Progress No IRP	sites identified.				1						MMPI		in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

						Com	pleted	Und	erway	Fut	ure		Schedule						xecution			E 41 4	10 4	(ΦΩΩΩ)
				P	hase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planne	1 (\$000)	Estima	te (\$000)	Estimate	ed Costs (	(\$000)
							1	Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Puerto Rico	)																							
<u> </u>	Y USED DEFENSE SIT	ES - N.	AVAL STATION SAN	JUAN	N / PR2	29799F	417600	C-ES	Γ															
<b>T</b>	IRP Sites and MRSs by C	Classific	ation	s	Study	2	0	0	0	0	0			\$2,169	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,694	
esponse Complete	Response Complete	0		1	IRA	1(1)	0(0)	0(0)	0(0)					\$15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,472	
igh	1 MRSPP-1	0	MRSPP-7	0 D	Design	0	0	1	0	0	0			\$250	\$0	\$0	\$0	\$0	\$0	\$541	\$0	FY15	\$2,709	
edium	0 MRSPP-2	0	MRSPP-8	0 F	RA-C	0	0	1	0	0	0			\$4,736	\$0	\$251	\$0	\$0	\$0	\$635	\$0	FY16	\$1,070	
ow	0 MRSPP-3	0	Evaluation Pending	0 F	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. l	RP	\$13,
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0 I	LTM	0	0	0	0	0	0			\$26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. 1	MMRP	
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	)	MRS Fina	IRC: FY	Υ -		Total	\$7,196	\$0	\$251	\$0	\$0	\$0	\$1,176	\$0	FY11-Comple	te	\$13,
otal IRP Sites	2 MRSPP-6	0	Total MRSs	0											•	•	•				•		•	
IRP Progress Planne for FY11-FY1	ed Continued remedial action efforts 2:	at waste	disposal site if funds are available	2.							MMRI		s Planned 711-FY12:	No MMRI	sites identif	ed.								
FORMERL	Y USED DEFENSE SIT	ES - PU	UERTO RICO BOMB	RANG	GE / PI	R29799	F72660	)																
•	IRP Sites and MRSs by C	Classific	ation	s	Study	0	0	0	1	0	0			\$0	\$142	\$0	\$16	\$0	\$0	\$0	\$0	FY13	\$0	
esponse Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
gh	0 MRSPP-1	0	MRSPP-7	0 D	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0 F	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1 B	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. 1	RP	
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0 I	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. I	MMRP	\$10
	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	IRC: FY	Y 2030		Total	\$0	\$142	\$0	\$16	\$0	\$0	\$0	\$0	FY11-Comple	te	\$10,
ot Required																								
	0 MRSPP-6	0	Total MRSs	1																				
ot Required otal IRP Sites IRP Progre in FY1	SS No IRP sites identified.	0	Total MRSs	1								MMR	Progress in FY10:	FY 2008 C investigati	Conducted 1st ons; complete	TPP meetin	g with primar inal MMRP-S	y stakeholder II Reports; co	rs. Develop Fonduct 2nd Tl	inal TPP m	emorandum; o MMRP-SI pr	obtain necessary Right oject completed.	s-of-Entry; co	onduct fie

for FY11-FY12:

Many endangered species concerns in surrounding waters and on island terrain on island is challenging.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

	oneni - mstanatio	n / FFID / NPL or Propo	08CU 111 1		AC 1	ear / F	(AB / C	CICI	elta i	rom F	Y 09*											
				Com	pleted	Unde	erway	Fut	ure		Schedule	Costs Thr		FY10		FY11 Ex			Planning	T	. 10 .	(0000)
			Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (\$0	000) C	<b>Obligate</b>	d (\$000)	Planned	1 (\$000)	Estima	ate (\$000)	Estima	ited Costs	(\$000)
					:	Sites (A	ctions)			IRP	MMRP	IRP M	MRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Rhode Island	$\overline{\mathbf{d}}$																					
		17002203600 / NPL / BRAC 19	91 / RAB /	C-EST																		
_	IRP Sites and MRSs by C		Study	23	0	2	0	0	0			\$34,498	\$0	\$954	\$0	\$0	\$0	s	0 \$0	FY13	\$451	
Response Complete	18 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$1,566	\$0	\$0	\$0	\$0	\$0	s		FY14	\$461	:
High	0 MRSPP-1	0 MRSPP-7	0 Design	11	0	0	0	1	0			\$3,147	\$0	\$0	\$0	\$0	\$0	\$55		FY15	\$305	:
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	11	0	0	0	1	0			\$14,471	\$0	\$0	\$0	\$0	\$0	\$74		FY16	\$310	:
Low	2 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	2	0	1	0			\$2,019	\$0	\$1,303	\$0	\$0	\$0	s		FY11-Comp	. IRP	\$15,5
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	2	0	3	0	0	0			\$10,776	\$0	\$1,258	\$0	\$622	\$0	\$1,22		FY11-Comp		, , ,
Not Required	5 MRSPP-5	0 No Longer Required		inal RC	FY 204		MRS Fina	al RC+ F			Total	\$66,477	\$0	\$3,515	\$0	\$622	\$0	\$2,52		FY11-Comp		\$15,5
Total IRP Sites	25 MRSPP-6	0 Total MRSs					Planned fo				10	ψου, 177	φυ	φοισίο	φσ	ψ022	Ψ	, v2,c2	φσ	TTII Comp	1000	+,-
IRP Progress	Refer to Page F-40.				1					MMRI	Progress	No MMRP site	s identified	i.								
in FY10:											in FY10:											
IRP Progress Planned for FY11-FY12:	Refer to Page F-40.								MMRI		S Planned 111-FY12:	No MMRP site	s identified	i.								
NAVY - NEV	PORT NETC / RI1170	002424300 / NPL / RAB																				
_	IRP Sites and MRSs by C	Classification	Study	19	1	11	1	1	0	REG	REG	\$28,661	\$439	\$1,822	\$97	\$721	\$879	\$54	3 \$327	FY13	\$9,573	5
Response Complete	14 Response Complete	1	IRA	11(14)	0(0)	0(0)	0(0)					\$19,980	\$0	\$0	\$0	\$0	\$0	s		FY14	\$3,830	5
High	7 MRSPP-1	0 MRSPP-7	0 Design	4	0	2	0	8	1			\$1,976	\$0	\$368	\$0	\$994	\$0	\$33		FY15	\$2,162	\$84
Medium	3 MRSPP-2	0 MRSPP-8	0 RA-C	7	0	0	0	12	1	REG	REG	\$52,550	\$0	\$0	\$0	\$2,542	\$0	\$7,38		FY16	\$1,162	:
Low	2 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	2	0	7	0			\$3,844	\$0	\$185	\$0	\$72	\$0	\$45		FY11-Comp	. IRP	\$37,1
Not Evaluated	2 MRSPP-4	0 No Known/Suspected	0 LTM	4	0	1	0	3	0			\$1,014	\$0	\$0	\$0	\$60	\$0	\$13		FY11-Comp		\$2,0
Not Required	3 MRSPP-5	0 No Longer Required		inal RC:	FY 204	1 1	MRS Fina	al RC: F			Total	\$108,025	\$439	\$2,375	\$97	\$4,389	\$879	\$8.84		FY11-Comp		\$39,1
Total IRP Sites	31 MRSPP-6	0 Total MRSs			w Comple		VIII.	iii RC. T	2041			, ,	7.02	4-,	7-1	7 1,000	4011	4-9-1	7	TTTT COMP	1000	
	Refer to Page F-131.	1000								MMRI	Progress	Refer to Page I	7 121									
in FY10:	Refer to 1 age 1-131.									14114114	in FY10:	Kelei to i age i	-151.									
IRP Progress Planned for FY11-FY12:	Refer to Page F-131.								MMRI	Progres	s Planned 11-FY12:	Refer to Page I	F-131.									
101 F 111-F 112.										101 1 1	11-1 112.											
FORMERLY	LISED DEFENSE SIT	ES - NIKE PR-79 / RI19799F2	11500																			
TORMERET			Study	1	0	1	0	0	0			\$564	\$0	\$94	\$0	\$799	\$0	\$73	1 \$0	FY13	\$785	
Dognange Complete	IRP Sites and MRSs by C	lassification	IRA	0(0)	0(0)	0(0)	0(0)	"	U			\$0	\$0	\$0	\$0	\$0	\$0	\$/3		FY14	\$194	
Response Complete High	1 Response Complete 1 MRSPP-1	0 MRSPP-7	0 Design	0(0)	0(0)	0(0)	0(0)	1	0			\$41	\$0	\$0	\$0	\$0	\$0	s s		FY14 FY15	\$194	
Medium	0 MRSPP-2	0 MRSPP-8	0 Besign 0 RA-C	1	0	0	0	1	0			\$94	\$0	\$0	\$0	\$0	\$0	\$ \$		FY15 FY16	\$787	
Low	0 MRSPP-2 0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	0	0		0			\$94	\$0	\$0	\$0	\$0	\$0	\$ \$		FY11-Comp		\$15,53
Not Evaluated	0 MRSPP-3	No Known/Suspected		0	0	0	0	1	0			\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	s	_	FY11-Comp		\$15,5.
Not Required	0 MRSPP-4	No Known/Suspected     No Longer Required		1			-	I DC T			Total	\$699	\$0 <b>\$0</b>	\$0 \$94	\$0 <b>\$0</b>	\$0 \$799	\$0 <b>\$0</b>	\$ \$73		FY11-Comp		\$15,5
		U 1	IRP F	ınal RC:	FY 2019	[ و	MRS Fina	arkC: F	Y -		Total	\$699	\$0	\$94	\$0	\$799	\$0	\$73	\$0	г 111-Comp	iete	\$15,5.
Total IRP Sites	2 MRSPP-6	0 Total MRSs	U						1													
IRP Progress in FY10:		sampling program was instituted in FY10 in	order to gain an	understand	ing of the ex	xtent of GW	V contamina	tion at the		MMRI	Progress in FY10:	No MMRP site	es identified	1.								

for FY11-FY12: completed in FY11. The risk assessment and RI report and FS will be completed in FY12.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Com	ponent - Installation	/ FFID / NPL or Prop	posed N	PL/	BRA	AC Y	ear / I	RAB /	CTC I	Delta f	rom F	Y09*											
					Compl	leted	Und	erway	Fu	ture		chedule			FY10			ecution				. 1.0	(0000)
			Phas	se I	RP M	<b>MRP</b>	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
						-	Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Rhode Islan	nd																						
FORMERL	Y USED DEFENSE SITE	S - QUONSET POINT NAS	S / RI1979	9F210	0900																		
	IRP Sites and MRSs by Cl	assification	Stud	dy	12	0	3	0	0	0			\$13,186	\$0	\$726	\$0	\$819	\$0	\$762	\$0	FY13	\$1,913	\$0
Response Complete	10 Response Complete	0	IRA	A :	3(3)	0(0)	0(0)	0(0)					\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,151	\$0
High	4 MRSPP-1	0 MRSPP-7	0 Desi	gn	8	0	2	0	1	0			\$1,390	\$0	\$0	\$0	\$0	\$0	\$189	\$0	FY15	\$1,995	\$0
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-	·C	7	0	3	0	1	0			\$9,222	\$0	\$516	\$0	\$34	\$0	\$40	\$0	FY16	\$1,400	\$0
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-	0	1	0	0	0	2	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$23,875
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LT!	М	0	0	2	0	3	0			\$2,127	\$0	\$202	\$0	\$233	\$0	\$188	\$0	FY11-Comp	. MMRP	\$0
Not Required	1 MRSPP-5	0 No Longer Required	0 IRI	P Final	RC: F	Y 201	7	MRS Fin	al RC: F	Υ -		Total	\$25,947	\$0	\$1,444	\$0	\$1,086	\$0	\$1,179	\$0	FY11-Comp	lete	\$23,875
Total IRP Sites	15 MRSPP-6	0 Total MRSs	0 Five	e-Year	Review	Planne	d for Fut	ure															
IRP Progres	ss Kiefer Park(12)- RI/FS work plan (0): report preparation underway; Cp A another case and it's impact to this	completed; Aqua Tank(11) - RA-C complexe. Dump site(07)-LTM continued and 5-project.	eted and LTM -Yr Rvw drafte	was star ed; EB/PI	rted; Nike RP(18)-E	PR-58(0 OOJ has ca	5)-RI field ase on hold	work compl pending ou	leted & tcome of		MMRI	Progress in FY10:	No MMRP	sites identif	ed.								
		completed w/cleanup alternatives to be pr ompleted with FS preparation to begin; Co be re-initiated if case is reopened.							ards are	MMRI		s Planned 111-FY12:	No MMRP	sites identif	ed.								

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-6 Sta	tus o	f Installation	s wit	h FY11 to Con	nplet	ion C	ost E	stima	te Gr	eater	Than	\$10,0	000,00	0							Defer	nse Envir	onmental Re	storation	Program
DoD Com	none	nt - Inctallatio	n / FI	FID / NPL or Pro	onoce	d NDI	/ RD	AC V	aar / I	PAR /	стс г	)alta f	rom F	V00*	7										
DoD Con	pone	nt - mstanatio	11 / 1-1	ID/NIL OI II	opose	u INI I		pleted		erway		ure	_	chedule	Costs T	hrough	FY10	Funds	FV11 F	xecution	FV12 F	Planning			
						Phase				MMRP			T	act**	FY10 (			ed (\$000)		d (\$000)		te (\$000)	Estimat	ted Costs	(\$000)
						1 masc	IKI		Sites (A		IKI	WIWIKI		MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
South Card	line									.,			11(1	WINIE	III	.,,,,,,,,,	III	MINIM	III	MINIM	III	WINIE	riscar rear	IKI	MINIKI
_																									
NAVY - BE	AUFO	ORT MCAS / SC41	1730232	0900 / C-TECH																					
	IR	P Sites and MRSs by	Classific	ation		Study	35	3	7	2	3	0			\$6,858	\$1,464	\$0		\$1,200		\$891		FY13	\$2,439	\$785
Response Complete	20	Response Complete	2			IRA	4(4)	0(0)	1(1)	0(0)					\$728	\$0	\$0		\$0		\$352		FY14	\$4,962	\$0
High	0	MRSPP-1		MRSPP-7	0	Design	3	0	0	0	0	0			\$101	\$0	\$0		\$0	-	\$0		FY15	\$3,697	\$0
Medium	7	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	1	0	1	3			\$910	\$0	\$335	\$0	\$571	\$0	\$0		FY16	\$969	\$0
Low	3	MRSPP-3	0	Evaluation Pending	3	RA-O	3	0	7	0	2	0			\$3,227	\$0	\$612	\$0	\$553	\$0	\$405		FY11-Comp.		\$34,246
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	3	0	12	3			\$534	\$0	\$189	\$0	\$93	\$0	\$315		FY11-Comp.		\$2,282
Not Required	14	MRSPP-5	0	No Longer Required	2	IRP F	inal RC:	FY 204	1	MRS Fin	al RC: F	Y 2021		Total	\$12,358	\$1,464	\$1,136	\$614	\$2,417	\$0	\$1,963	\$332	FY11-Compl	ete	\$36,528
Total IRP Sites	45	MRSPP-6	0	Total MRSs	5																				
				d 14 is in progress but most are						se II RFI aw	arded for		MMRP		RFA/SI awa	arded at UXC	1 and 2. Pr	eliminary RF	I work awar	ded at UXO 2	<u>.</u>				
in FY1	<b>0:</b> AOC	-C. GW monitoring in prog	ress at US	1'3, 6, 9, 11 and 13. CMS in pr	reparation	for UST 15	, delayed b	y UFP-SAF	<b>'</b> .					in FY10:											
IDD Duoguoga Dlonu	رد مام				. 1 . 1		16 000		1			MMDI	Duo amaaa	Dlannad		1.0 000	1/02.40		1 DELCO CO						
	in FY10: AOC-C. GW monitoring in progress at UST 3, 6, 9, 11 and 13. CMS in preparation for UST 15, delayed by UFP-SAP.  Progress Planned Soil/waste removal actions scheduled for SWMU's 5 and 12. Stream bank stabilization scheduled for SWMU 3. Completion of CMS's and continued for FY11-FY12: GW monitoring of UST sites. Addition of Laurel Bay heating oil tank remediation work.  MMRP Progress Planned Award completion of RFI/CMS work at UXO 2 and RFI/CMS for UXO 1. for FY11-FY12:  NAVY - CHARLESTON NWS / SC417002262000 / RAB / C-TECH																								
NAVY - CI	IARL	ESTON NWS / SC	417002	262000 / RAB / C-TE	ЕСН																				
1,11,11 0.1		P Sites and MRSs by				Study	52	0	15	7		0	FUND	FUND	\$19,842	\$1,495	\$0	\$0	\$0	\$0	\$0	0.2	FY13	\$5,297	\$0
Response Complete	40	Response Complete	Liassine	ation		IRA	18(18)	0(0)	0(0)	0(0)		-	TOND	TOND	\$5,477	\$0	\$0		\$0		\$0		FY14	\$3,010	\$0
High	1	MRSPP-1	0	MRSPP-7	0	Design	2	0(0)	0(0)	0(0)	0	0			\$257	\$0	\$0		\$0		\$0		FY15	\$1,174	\$0
Medium	6	MRSPP-2	0	MRSPP-8	0	RA-C	8	0	1	0	0	0			\$4,173	\$0	\$0		\$0	-	\$0		FY16	\$1,174	\$0
Low	0	MRSPP-3	0	Evaluation Pending	- 0	RA-O	6	0	0	0	0	0			\$5,332	\$0	\$0	\$0 \$0	\$3,487		\$1,140		FY11-Comp.		\$14,108
Not Evaluated	9	MRSPP-4	0	No Known/Suspected		LTM	4	0	9	0	0	7			\$3,168	\$0 \$0	\$420	Ψ0	\$3,487		\$1,140		FY11-Comp.		\$14,100
Not Required	12	MRSPP-5	0	No Longer Required	0		<u> </u>			) )	100			m . 1		ΨΟ			Ψ0						\$14,108
<u> </u>	12	MRSPP-6	0	· .	0	IRPE	inal RC:	FY 204	U	MRS Fin	al RC: F	Y 2021		Total	\$38,249	\$1,495	\$420	\$0	\$3,487	\$0	\$1,140	\$0	FY11-Compl	ete	\$14,100
Total IRP Sites	68		0	Total MRSs	/																				
IRP Progre	o. 17 (	inued LTM of PRB/phyto @	SWMU SWMU 3	2 and groundwater monitoring and 48. Conducted DQO Mee	g at SWM	Us 3, 10, 14	1, 18, 23, 24 and 62 RFI	, and 36. S	ubmitted (	CMS for SW	MU 16 &		MMRP	Progress in FY10:	Submitted S	I Report for	SWMU 82	and AOC O.	Completed U	JFP-SAP and	started field	work for the	SI for UXO 2, 3, 5, 6	, and 7.	
	<b>0.</b> 17. C	ompreted for a field work at	5 11110 5	and to: conducted b Qo Med		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	02 101 1.							m r 110.											
IRP Progress Plann	ed Cont	inue LTM and eval of PRB	/nhvto@t S	WMU 12. Implement soil rem	nedy for S	WMII 17	Complete F	FI Report t	for SWMII	30 and 48	Complete	MMRI	Progress	Planned	Finalize SI	Report for SV	VMII 82 an	d AOC O Co	mnlete SI R	eport at UXO	2 3 5 6 ar	nd 7			
				inue LTM @ SWMUs 3, 10, 14									for FY	11-FY12:						-p	_, _, _, _, _,				
NAVY - PA	RRIS	ISLAND MCRD /	SC417	302276300 / NPL / R	AB																				
,	IR	P Sites and MRSs by	Classific	ation		Study	18	1	8	7	0	0			\$6,097	\$3,102	\$731	\$0	\$0	\$0	\$650	\$141	FY13	\$589	\$752
Response Complete		Response Complete	0			IRA	7(7)	0(0)	0(0)	0(0)					\$2,187	\$0	\$0	\$0	\$417	\$0	\$309	\$0	FY14	\$369	\$17
High	2	MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	0			\$111	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$393	\$17
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	5	0	1	0	0	7			\$11,418	\$0	\$197	\$0	\$0	\$0	\$0		FY16	\$402	\$159
Low	5	MRSPP-3	0	Evaluation Pending	8	RA-O	3	0	0	0	2	1			\$270	\$0	\$0	\$0	\$0	\$0	\$35		FY11-Comp.	IRP	\$8,168
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	2	0	4	0	4	6			\$3,301	\$0	\$597	\$0	\$81	\$0	\$213		FY11-Comp.		\$4,385
Not Required	5	MRSPP-5	0	No Longer Required	0		inal RC•	FY 204	n	MRS Fin	al RC+ F	V 2021		Total	\$23,384	\$3,102	\$1,525	\$0	\$498		\$1,207		FY11-Compl		\$12,553
Total IRP Sites	26	MRSPP-6	0	Total MRSs	8	1		w Underv						1	/	, ,=	. ,				. ,		P	<del>-</del>	
	ec p.c					1 1		- Jack	- ~,				MMPP	Progress	D . C D	F 146									
in FY1		r to Page F-146.											MINIKP	in FY10:	Keter to Pag	ge F-146.									

MMRP Progress Planned Refer to Page F-146. for FY11-FY12:

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

IRP Progress Planned Refer to Page F-146. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

South Carolina  AIR FORCE - CHARLESTON  IRP Sites and MRS  Response Complete	N AIR FOR Ss by Classif  plete  ce and Monitorin and PCO AT 8 S  F-06 Cover Mair TC Contract Su  PRCE BASI Ss by Classif	CCE BASE / SC457182444  ication  0  0 MRSPP-7  0 MRSPP-8  0 Evaluation Pending  0 No Known/Suspected  0 No Longer Required  0 Total MRSs  agg Basewide IRP Site LTM; LTM @  SITES.  stenance and Monitoring; Basewide II  pport; and GEITA Site File Managen  E / SC457212446600 / BR	Pr 46000 / 0 St I 0 Dt 0 R 0 R 0 L 0 I 0 I RP Site L' Ement.	Phase C-EST Study IRA Design RA-C RA-O LTM IRP Fin	Comj IRP  T  44 7(11) 1 6 1 1 nal RC: 43; MON V	0 0(0) 0 0 0 FY 201 WELL CON	Und 0 0 0 0 0 1 1 19 18 8	MMRI Actions)  0 0(0) 0 0 0 0 MRS Fir	Fut IRP  40  1  1  1  7  al RC: F' donment;  Maint &	0 0 0 0 0	FY10 S Imp IRP  MMRF	MMRP  MMRP  Total  Progress in FY10:	S8,661 S8,038 S693 S12,460 S819 S8,407 S39,078 No MMRP sites i	\$0   \$0   \$0   \$0   \$0   \$0   \$0   \$0	10 Funds ated (\$000	Planne   P	0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 2 \$0 8 \$0	Estima	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY14 FY15 FY16 S1 FY11-Comp. IRP FY11-Complete	MMRP  5838  5838  5839  8809  \$22,4
AIR FORCE - CHARLESTON  IRP Sites and MRS  Response Complete	ce and Monitorin and PCO AT 8 S F-06 Cover Mair TC Contract Su  PRCE BASI Ss by Classif	ication  0	46000 / 0 St I 0 De 0 R 0 R 0 L 0 I 0 I RRAC 20	/ C-EST Study IRA Design RA-C RA-O LTM IRP Fin	T  44  7(11)  1  6  1  1  nal RC:  43; MON V	0 0(0) 0 0 0 FY 201	0 0(0) 0 1 1 0 19 18 NST, MAI	MMRI Actions)  0 0(0) 0 0 0 0 MRS Fir	40  1  1  1  7  al RC: F' donment;  Maint &	0 0 0 0 0	Imp IRP  MMRF	MMRP  Total  Progress in FY10:	S8,661 S8,038 S693 S12,460 S819 S8,407 S39,078 No MMRP sites i	\$0   \$0   \$0   \$0   \$0   \$0   \$0   \$0	SO	Planne   P	MMRP  5 S0 5 S0 6 S0 6 S0 6 S0 7 S0 7 S0 7 S0 7 S0 8 S0	\$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY13 FY14 FY15 FY16 S1 FY11-Comp. IRP FY11-Complete	MMRF  \$8888  \$791  \$8809  ,863  \$22,4
AIR FORCE - CHARLESTON	ce and Monitorin and PCO AT 8 S F-06 Cover Mair TC Contract Su  PRCE BASI Ss by Classif	ication  0	46000 / 0 St I 0 De 0 R 0 R 0 L 0 I 0 I RRAC 20	/ C-EST Study IRA Design RA-C RA-O LTM IRP Fin	T 44 7(11) 1 6 1 1 nal RC: 443; MON V	0 0(0) 0 0 0 FY 201	0 0(0) 0 1 1 0 19 18 NST, MAI	0 0(0) 0 0 0 0 MRS Fir	1 1 1 7 7 al RC: F' donment;	0 0 0 0 0	MMRF	MMRP  Total  Progress in FY10:	\$8,661   \$8,038   \$693   \$12,460   \$819   \$8,407   \$39,078   \$No MMRP sites in the site of	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	S0	0 \$668	MMRP  5	\$00 \$00 \$117 \$00 \$00 \$117 \$00 \$00 \$117 \$00 \$00 \$117 \$00 \$117 \$117	MMRP	FY13 FY14 FY15 FY16 S1 FY11-Comp. IRP FY11-Complete	MMRF  \$8888  \$791  \$8809  ,863  \$22,4
AIR FORCE - CHARLESTON	ce and Monitorin and PCO AT 8 S F-06 Cover Mair TC Contract Su  PRCE BASI Ss by Classif	ication  0	St   I   I   O   De   O   R   O   R   O   I   O   O   I   O   O   O   O   O	Study IRA Design RA-C RA-O LTM IRP Fin ST27, SS4	44 7(11) 1 6 1 1 nal RC: 43; MON V	0 0(0) 0 0 0 FY 201	0 0(0) 0 1 1 0 19 18 8 NST, MAI	0 0(0) 0 0 0 0 MRS Fir	1 1 1 7 al RC: F'	0 0 0 0	MMRF P Progress	Total  Progress in FY10: s Planned	\$8,661 \$8,038 \$693 \$12,460 \$819 \$8,407 \$39,078	\$0	\$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0	0 \$660 0 \$0.0 0 \$0.0 0 \$0.0 0 \$0.0 0 \$602 0 \$668	5 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0	\$00 \$117 \$00 \$843 \$960	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	FY13 FY14 FY15 FY16 S1 FY11-Comp. IRP FY11-Comp. MM FY11-Complete	\$838 \$791 \$809 ,863 \$22,4
AIR FORCE - CHARLESTON	ce and Monitorin and PCO AT 8 S F-06 Cover Mair TC Contract Su  PRCE BASI Ss by Classif	ication  0	St   I   I   O   De   O   R   O   R   O   I   O   O   I   O   O   O   O   O	Study IRA Design RA-C RA-O LTM IRP Fin ST27, SS4	44 7(11) 1 6 1 1 nal RC: 43; MON V	0(0) 0 0 0 0 FY 201	0(0) 0 1 0 19 18 NST, MAI	0 0 0 0 MRS Fir	1 1 1 7 al RC: F'	0 0 0 0	P Progres	Progress in FY10:	\$8,038 \$693 \$12,460 \$819 \$8,407 \$39,078 No MMRP sites i	\$0	\$0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0 S00 S000 S000 S000 S000 S000 S000 S0	0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 2 \$0 8 \$0	\$0 \$1177 \$0 \$0 \$843 \$960	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 \$1 FY11-Comp. IRP FY11-Comp. MM FY11-Complete	\$791 \$809 \$,863 \$22,4 \$P\$ \$22,4
AIR FORCE - CHARLESTON	ce and Monitorin and PCO AT 8 S F-06 Cover Mair TC Contract Su  PRCE BASI Ss by Classif	ication  0	St   I   I   O   De   O   R   O   R   O   I   O   O   I   O   O   O   O   O	Study IRA Design RA-C RA-O LTM IRP Fin ST27, SS4	44 7(11) 1 6 1 1 nal RC: 43; MON V	0(0) 0 0 0 0 FY 201	0(0) 0 1 0 19 18 NST, MAI	0 0 0 0 MRS Fir	1 1 1 7 al RC: F'	0 0 0 0	P Progres	Progress in FY10:	\$8,038 \$693 \$12,460 \$819 \$8,407 \$39,078 No MMRP sites i	\$0	\$0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0 S00 S000 S000 S000 S000 S000 S000 S0	0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 2 \$0 8 \$0	\$0 \$1177 \$0 \$0 \$843 \$960	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 \$1 FY11-Comp. IRP FY11-Comp. MM FY11-Complete	\$791 \$809 \$,863 \$22,4 \$P\$ \$22,4
IRP Sites and MSS	ce and Monitorin and PCO AT 8 S F-06 Cover Mair TC Contract Su  PRCE BASI Ss by Classif	ication  0	St   I   I   O   De   O   R   O   R   O   I   O   O   I   O   O   O   O   O	Study IRA Design RA-C RA-O LTM IRP Fin ST27, SS4	44 7(11) 1 6 1 1 nal RC: 43; MON V	0(0) 0 0 0 0 FY 201	0(0) 0 1 0 19 18 NST, MAI	0 0 0 0 MRS Fir	1 1 1 7 al RC: F'	0 0 0 0	P Progres	Progress in FY10:	\$8,038 \$693 \$12,460 \$819 \$8,407 \$39,078 No MMRP sites i	\$0	\$0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0 S00 S000 S000 S000 S000 S000 S000 S0	0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 2 \$0 8 \$0	\$0 \$1177 \$0 \$0 \$843 \$960	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 \$1 FY11-Comp. IRP FY11-Comp. MM FY11-Complete	\$791 \$809 \$,863 \$22,4 \$P\$ \$22,4
Response Complete	ce and Monitorin and PCO AT 8 S F-06 Cover Mair TCC Contract Su  PRCE BASI Ss by Classif	0 MRSPP-7 0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSs ag: Basewide IRP Site LTM; LTM @ SITES.  attenance and Monitoring: Basewide II pport; and GEITA Site File Managen	I I O Do R O R O L O I I R P Site L'EMENT.	IRA Design RA-C RA-O LTM IRP Fin ST27, SS4	7(11)  1  6  1  1  nal RC:  43; MON V	0(0) 0 0 0 0 FY 201	0(0) 0 1 0 19 18 NST, MAI	0 0 0 0 MRS Fir	1 1 1 7 al RC: F'	0 0 0 0	P Progres	Progress in FY10:	\$8,038 \$693 \$12,460 \$819 \$8,407 \$39,078 No MMRP sites i	\$0	\$0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0 S00 S000 S000 S000 S000 S000 S000 S0	0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 2 \$0 8 \$0	\$0 \$1177 \$0 \$0 \$843 \$960	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 \$1 FY11-Comp. IRP FY11-Comp. MM FY11-Complete	\$791 \$809 \$,863 \$22,4 \$P\$ \$22,4
High	ce and Monitorin and PCO AT 8 S F-06 Cover Mair CTC Contract Su DRCE BASI	0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSs  ag: Basewide IRP Site LTM; LTM @ SITES.  stenance and Monitoring; Basewide II ppport; and GEITA Site File Managen	0 De 0 R 0 R 0 L 0 I IRP Site L'ement.	Design RA-C RA-O LTM IRP Fin	1 6 1 1 1 1 mal RC:  M @ OT10	0 0 0 0 FY 201	0 1 0 19 19 18 8 NST, MAI	0 0 0 0 MRS Fir	1 1 7 al RC: FV donment; Maint &	0 0 0 7 -	P Progres	Progress in FY10:	\$693 \$12,460 \$819 \$8,407 \$39,078 No MMRP sites i	\$0	\$0 \$ \$ \$0 \$ \$ \$0 \$ \$ \$0 \$ \$ \$0 \$ \$ \$ \$0 \$	0 S00 S00 S000 S000 S6020 S6688	0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0	\$117 \$0 \$0 \$843 \$960	\$0 \$0 \$0 \$0 \$0 \$0	FY15 FY16 S1 FY11-Comp. IRP FY11-Comp. MM FY11-Complete	\$809   \$22,4   RP   \$22,4
Medium	F-06 Cover Mair CTC Contract Su  PRCE BASI Ss by Classif	0 MRSPP-8 0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSs  ag: Basewide IRP Site LTM; LTM @ SITES.  stenance and Monitoring; Basewide II ppport; and GEITA Site File Managen	0 R 0 R 0 L 0 I	RA-C RA-O LTM IRP Fin ST27, SS4	l l nal RC: 43; MON V	0 0 0 FY 201 WELL CON	1 0 19 18 NST, MAI	0 0 0 MRS Fir	1 1 7 al RC: FV donment; Maint &	0 0 0 7 -	P Progres	Progress in FY10:	\$12,460 \$819 \$8,407 \$39,078 No MMRP sites i	\$0	\$0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0 S0 0 S0 0 S602 0 S668	0 \$0 0 \$0 2 \$0 8 <b>\$0</b>	\$0 \$0 \$843 <b>\$960</b>	\$0 \$0 \$0 \$0 \$0	FY16 S1 FY11-Comp. IRP FY11-Comp. MM FY11-Complete	\$22,4 RP \$22,4
Low	F-06 Cover Mair CTC Contract Su  PRCE BASI Ss by Classif	0 Evaluation Pending 0 No Known/Suspected 0 No Longer Required 0 Total MRSs  ng: Basewide IRP Site LTM; LTM @ streamee and Monitoring; Basewide II ppport; and GEITA Site File Managen  E / SC457212446600 / BR	0 R 0 L 0 I 0 V 0 I 0 V 0 V 0 V 0 V 0 V 0 V 0 V 0 V 0 V 0 V	RA-O LTM IRP Fin ST27, SS4 LTM; LTM	l l nal RC: 43; MON V	0 0 FY 201 WELL COM	0 19 18 NST, MAI	0 0 MRS Fin	1 7 7 Alal RC: FY donment; Maint & C-EST	0 0	P Progres	Progress in FY10:	\$8,407 \$39,078 No MMRP sites i	\$0 \$1. \$0 \$1. dentified.	\$0 \$ 517 \$ 517 \$	0 \$00 \$602 0 \$662	0 \$0 2 \$0 8 <b>\$0</b>	\$0 \$843 <b>\$960</b>	\$0 \$0 \$0	FY11-Comp. IRP FY11-Comp. MM FY11-Complete	\$22, RP \$22,
Not Evaluated	F-06 Cover Mair CTC Contract Su  PRCE BASI Ss by Classif	0 No Known/Suspected 0 No Longer Required 0 Total MRSs  ag: Basewide IRP Site LTM; LTM @ SITES.  stenance and Monitoring; Basewide II ppport; and GEITA Site File Managen  E / SC457212446600 / BR	0 L 0 0 I 0 IRP Site L'	LTM IRP Fin	43; MON V M @ OT10 ealignm	0 FY 201 WELL CON	19 18 NNST, MAI	0 MRS Fir	Maint &	o MMRI	P Progres	Progress in FY10:	\$8,407 \$39,078 No MMRP sites i	\$0 \$1. \$0 \$1. dentified.	517 \$ 517 \$	0 \$602 0 \$668	2 \$0	\$843	\$0	FY11-Comp. MM FY11-Complete	RP \$22,
Not Required 4 MRSPP-5  Total IRP Sites 84 MRSPP-6  IRP Progress LF-06 Cover Maintenance in FY10: CTC Contract Support; at IRP Progress Planned for FY11-FY12: Abandonment; GEITA C  AIR FORCE - SHAW AIR FOI  IRP Sites and MRS  Response Complete 27 Response Com  High 0 MRSPP-1  Medium 0 MRSPP-2  Low 2 MRSPP-3  Not Evaluated 6 MRSPP-4  Not Required 4 MRSPP-5  Total IRP Sites 39 MRSPP-6	F-06 Cover Mair CTC Contract Su  PRCE BASI Ss by Classif	0 No Longer Required 0 Total MRSs ng: Basewide IRP Site LTM; LTM @ SITES. stenance and Monitoring; Basewide II pport; and GEITA Site File Managen E / SC457212446600 / BR	0 OT16, STIRP Site L'Ement.	IRP Fin ST27, SS4 LTM; LTM	43; MON V M @ OT10 ealignm	FY 201 WELL CON 6, ST27, SS	NST, MAI	MRS Fin	Maint &	MMRI	P Progres	Progress in FY10:	\$39,078  No MMRP sites i	\$0 \$1.	517 \$	0 \$668	8 \$0	\$960	\$0	FY11-Complete	\$22,
Total IRP Sites 84 MRSPP-6  IRP Progress LF-06 Cover Maintenance in FY10: CTC Contract Support; at IRP Progress Planned For FY11-FY12: Abandonment; GEITA C  AIR FORCE - SHAW AIR FOI IRP Sites and MRS Response Complete 27 Response Complete WRSPP-1  Medium 0 MRSPP-1  Medium 0 MRSPP-2  Low 2 MRSPP-3  Not Evaluated 6 MRSPP-4  Not Required 4 MRSPP-5  Total IRP Sites 39 MRSPP-6	F-06 Cover Mair CTC Contract Su  PRCE BASI Ss by Classif	O Total MRSs  ng. Basewide IRP Site LTM; LTM @ SITES.  ntenance and Monitoring; Basewide II ppport; and GEITA Site File Managen  E / SC457212446600 / BR	@ OT16, STIRP Site L'ement.	ST27, SS4 LTM; LTM	43; MON V M @ OT10 ealignm	WELL CON	NST, MAI	INT & Aband	Maint &	MMRI	P Progres	Progress in FY10:	No MMRP sites i	dentified.							1
IRP Progress LF-06 Cover Maintenance in FY10: CTC Contract Support; at IRP Progress Planned For FY11-FY12: Abandonment; GEITA C    AIR FORCE - SHAW AIR FOI   IRP Sites and MRS   Response Complete	F-06 Cover Mair CTC Contract Su  PRCE BASI Ss by Classif	ng; Basewide IRP Site LTM; LTM @ SITES.  stenance and Monitoring; Basewide II ppport; and GEITA Site File Managen  E / SC457212446600 / BR	IRP Site L'ement.	LTM; LTM	M @ OTIO	6, ST27, SS	543; MON	I Well Const	Maint &		P Progres	in FY10:	No MMRP sites i	dentified.	560 8	0 \$1886	5 80	\$0	\$0	FY13 \$	401
in FY10: CTC Contract Support; at  IRP Progress Planned Zone 4 (SS042) PBC; LF for FY11-FY12: Abandonment; GEITA C  ■ AIR FORCE - SHAW AIR FOI  IRP Sites and MRS  Response Complete 27 Response Com  High 0 MRSPP-1  Medium 0 MRSPP-2  Low 2 MRSPP-3  Not Evaluated 6 MRSPP-4  Not Required 4 MRSPP-5  Total IRP Sites 39 MRSPP-6	F-06 Cover Mair CTC Contract Su  PRCE BASI Ss by Classif	intenance and Monitoring: Basewide II ppport; and GEITA Site File Managen  E / SC457212446600 / BR	IRP Site L'ement.	LTM; LTM	M @ OTIO	6, ST27, SS	543; MON	I Well Const	Maint &		P Progres	in FY10:	No MMRP sites i	dentified.	560	0 \$1886	5 80	\$0	\$0	FY13 \$	401
IRP Sites and MRS   Response Complete   27   Response Com	Ss by Classif					ent / R	AB / C	-REG / C	_	0	1		610.492	\$0 \$1	560 \$	0 \$1.886	5 80	\$0	\$0	FY13 \$	,401
Response Complete         27         Response Com           High         0         MRSPP-1           Medium         0         MRSPP-2           Low         2         MRSPP-3           Not Evaluated         6         MRSPP-4           Not Required         4         MRSPP-5           Total IRP Sites         39         MRSPP-6		ication	St	Study	31		_			0			\$10.492	\$0 \$1	560 \$	0 \$1.886	5 \$0	\$0	\$0	FY13 \$	,401
High         0         MRSPP-1           Medium         0         MRSPP-2           Low         2         MRSPP-3           Not Evaluated         6         MRSPP-4           Not Required         4         MRSPP-5           Total IRP Sites         39         MRSPP-6	1.4.					1	2	0	6				319,462		,509	91,000					
Medium         0         MRSPP-2           Low         2         MRSPP-3           Not Evaluated         6         MRSPP-4           Not Required         4         MRSPP-5           Total IRP Sites         39         MRSPP-6	ipiete	1	I	IRA	7(15)	0(0)	0(0)	0(0)					\$5,846	\$0	\$0 \$	0 \$0	\$0	\$0	\$0	FY14 \$	,636
Low         2         MRSPP-3           Not Evaluated         6         MRSPP-4           Not Required         4         MRSPP-5           Total IRP Sites         39         MRSPP-6           IRP Progress         Initiated RD/RA for SS-3		0 MRSPP-7	0 De	Design	8	0	0	0	1	0			\$17,094	\$0 \$1	224 \$	0 \$95	5 \$0	\$0	\$0	FY15 \$	2,021
Not Evaluated         6         MRSPP-4           Not Required         4         MRSPP-5           Total IRP Sites         39         MRSPP-6           IRP Progress         Initiated RD/RA for SS-3		0 MRSPP-8	0 R	RA-C	6	0	0	0	1	0			\$10,483	\$0	\$0 \$	0 \$2,569	\$0	\$0	\$0	FY16 \$	,267
Not Required         4         MRSPP-5           Total IRP Sites         39         MRSPP-6           IRP Progress         Initiated RD/RA for SS-3		0 Evaluation Pending	0 R	RA-O	8	0	3	0	1	0			\$24,129	\$0 \$1	.178 \$	0 \$2,114	1 \$0	\$1,623	\$0	FY11-Comp. IRP	\$33,2
Total IRP Sites 39 MRSPP-6  IRP Progress Initiated RD/RA for SS-3		0 No Known/Suspected	0 L	LTM	2	0	11	0	2	0			\$1,005	\$0	\$0 \$	0 \$0	\$0	\$0	\$0	FY11-Comp. MM	RP
IRP Progress Initiated RD/RA for SS-3		0 No Longer Required	1 I	IRP Fin	nal RC:	FY 203	39	MRS Fir	al RC: F	2002		Total	\$78,039	\$0 \$3	971 \$	0 \$6,664	\$0	\$1,623	\$0	FY11-Complete	\$33,2
		0 Total MRSs	1																		
IRP Progress Planned Proceed with CG-38 RIFF for FY11-FY12:		·								MMRI	Progres	in FY10:	No MMRP work No MMRP work			ion.					
FORMERLY USED DEFENSE	E SITES - 0	CONWAY BMB&GUNR	RY RN	NG / SC	C <b>49799</b>	F49290	0														
IRP Sites and MRS	Ss by Classif	ication	St	Study	0	0	0	1	1	0			\$11 \$	3,159	\$0 \$6	9 \$0	\$636	\$0	\$594	FY13	\$40 \$
Response Complete 0 Response Com	nplete	0	I	IRA	0(0)	1(1)	0(0)	0(0)					\$0 5	5,307	\$0 \$	0 \$0	\$0	\$0	\$0	FY14	\$0 \$
High 0 MRSPP-1		0 MRSPP-7	0 <b>D</b> e	Design	0	0	0	1	0	0			\$0	\$125	\$0 \$	0 \$0	\$0	\$0	\$0	FY15	\$0 \$
Medium 0 MRSPP-2		0 MRSPP-8	0 R	RA-C	0	0	1	1	0	0			\$110	\$174	\$18 \$	0 \$40	\$0	\$40	\$0	FY16	\$0 5
Low 0 MRSPP-3		0 Evaluation Pending	1 R	RA-O	0	0	0	0	0	0			\$0	\$0	\$0 \$	0 \$0	\$0	\$0	\$0	FY11-Comp. IRP	\$:
Not Evaluated 0 MRSPP-4		0 No Known/Suspected	0 L	LTM	0	0	0	0	0	1			\$0	\$0	\$0 <b>\$</b>	0 \$0	\$0	\$0	\$0	FY11-Comp. MM	RP \$71,
Not Required 1 MRSPP-5		0 No Longer Required	0 I	IRP Fin	nal RC:	FY -		MRS Fir	al RC: F	2037		Total	\$121	8,765	\$18 \$6	9 \$40	\$636	\$40	\$594	FY11-Complete	\$71,
Total IRP Sites 1 MRSPP-6		0 Total MRSs	1																		
IRP Progress Settlement on one PRP cl in FY10:  IRP Progress Planned Continue PRP investigation for FY11-FY12:	claim almost con									MMRI	Progres	in FY10:	RI/FS pending du								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	n / Fl	FID / NPL, or Pr	onose	d NPI	/ BR	AC Y	ear / ]	RAR/	СТСТ	)elta f	rom F	Y09*	7										
Dob comp	onent instantation	1,11	ID / IVI E OI II	opose			pleted		lerway	Fut			Schedule	Costs Tl	rough	FY10	Funds	FY11 E	xecution	FY12 l	Planning			
					Phase					IRP		Imr	act**	FY10 (		Obligate	d (\$000)		d (\$000)		te (\$000)	Estima	ited Costs	(\$000)
									Actions)			-	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
South Carol	ina																							
		EG . G	D CDOET / CC4070	0E4026	00 / D 4 1	n.																		
FORMERLY	USED DEFENSE SITI			9F4926		В		_				_												
	IRP Sites and MRSs by C	lassific	ation		Study	1	0	1	1	0	0			\$3,343	\$1,285	\$211	\$0	\$169	\$662	\$367		FY13	\$0	\$44.
Response Complete	1 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)	-		-		\$1,433	\$0	\$0		\$0	\$0	\$0		FY14	\$116	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	1	1	0	-		\$78	\$10	\$0		\$0	\$0	\$0			\$679	\$700 \$200
Medium Low	1 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	1	1	0	-		\$3,319	\$10,759	\$0	/	\$0	\$0	\$0		FY16	\$679	
Not Evaluated	0 MRSPP-3 0 MRSPP-4	0	Evaluation Pending No Known/Suspected	1	RA-O	0	0	0	0	0	0	-		\$0	\$0	\$0		\$0	\$0	\$0		FY11-Comp		\$6,82
Not Evaluated Not Required	0 MRSPP-4 0 MRSPP-5	0	No Longer Required	0	LTM	1	0		0	1	1			\$3	\$0	\$3	_	\$0	\$0	\$0		FY11-Comp		\$20,79
_ `	- "	0	Ü 1	0	IRP Fi	nal RC:	FY 201	9	MRS Fin	al RC: F	Y 2026		Total	\$8,176	\$12,054	\$214	\$1,479	\$169	\$662	\$367	\$613	FY11-Comp	lete	\$27,61
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10:	Continued SI phase work on lands	fill site.										MMRI	Progress in FY10:	Completed a	ll removal a	ections recon	nmended in the	he EE/CA.						
IRP Progress Planned for FY11-FY12:	Complete SI and initiate RI/FS ph	ase work	-								MMRI		s Planned 711-FY12:	Initiate RI/F	S depending	g on available	e funding.							
FORMERLY	USED DEFENSE SITI	ES - C	STON BOMBING	RNG 1	/ SC497	99F493																		
	IRP Sites and MRSs by C	lassific	ation		Study	0	0	0	1	0	0			\$0	\$162	\$0	\$0	\$0	\$0	\$0		FY13	\$0	\$(
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	_	\$0		\$0		FY14	\$0	\$(
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0							FY15	\$0	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0		_	FY11-Comp		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0				FY11-Comp		\$10,05
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fin	al RC: F	Y 2056		Total	\$0	\$162	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,05
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10:	No IRP sites identified.											MMRI	Progress in FY10:	No progress	reported.									
IRP Progress Planned for FY11-FY12:											MMRI		s Planned 711-FY12:	No actions p	lanned.									
FORMERLY	USED DEFENSE SITI	ES - D	ONALDSON AFB /	SC497	99F4946	600 / C-	TECH /	C-EST	Γ															
	IRP Sites and MRSs by C	lassific	ation		Study	5	0	0	0	3	0			\$9,330	\$0	\$9	\$0	\$297	\$0	\$0		FY13	\$2,221	\$
Response Complete	4 Response Complete	0			IRA	2(2)	0(0)	0(0)	0(0)					\$1,248	\$0	\$0		\$0	\$0	\$0			\$3,298	\$(
High	1 MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	1	0			\$906	\$0	\$447	\$0	\$613	\$0	\$823		FY15	\$3,059	\$(
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	3	0	1	0	2	0			\$7,242	\$0	\$17	\$0	\$982	\$0	\$612		FY16	\$4,577	\$(
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$39,31
Not Evaluated	3 MRSPP-4	0	No Known/Suspected	0	LTM	4	0	1	0	3	0			\$136	\$0	\$54	\$0	\$0	\$0	\$0		FY11-Comp		\$
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	1	MRS Fin	al RC: F	Ϋ-		Total	\$18,862	\$0	\$527	\$0	\$1,892	\$0	\$1,435	\$0	FY11-Comp	lete	\$39,31
Total IRP Sites	8 MRSPP-6	0	Total MRSs	0																				
in FY10:	RI/FS study complete for AOCs 1 PCO actions for Projs 05 and 09 is Initiating RI/FS for petroleum site	s in progr es.	ress and will be complete in F	nt for RA. Y10.									in FY10:	No MMRP s										
IRP Progress Planned	Initiate RA for AOCs 1, 2, and 3 v	when dec	ision document is approved.								MMRI	P Progres	s Planned	No MMRP s	ites identifi	ed.								

for FY11-FY12: Complete RI/FS for petroleum sites.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	/FF	ID / NPL or P	ropose	ed NPl	L/BR	AC Y	ear / I	RAB /	CTC 1	Delta f	rom F	Y09*											
						Com	pleted	Und	erway	Fu	ture		Schedule				Funds		Execution				nted Costs	(0002)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planne	ed (\$000)	Estima	te (\$000)	Estilla	iteu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<b>South Carol</b>	ina																							
FORMERLY	USED DEFENSE SITE	S - SA	AND HILLS BMB&	&GN RO	G / SC49	799F49	2700																	
,	IRP Sites and MRSs by Cl	lassifica	ntion		Study	0	0	0	2	0	0			\$0	\$146	\$0	\$0	s	0 \$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	2	No Known/Suspected	0	LTM	0	0	0	0	0	2			\$0	\$0	\$0	\$0	\$	0 \$0	\$0	\$0	FY11-Comp	. MMRP	\$10,106
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY -		MRS Fin	al RC: F	Y 2032		Total	\$0	\$146	\$0	\$0	\$	0 \$0	\$0	\$0	FY11-Comp	lete	\$10,106
Total IRP Sites	0 MRSPP-6	0	Total MRSs	2																		_		
IRP Progress in FY10:	No IRP sites identified.											MMR	P Progress in FY10:	No progress	reported.									
IRP Progress Planned for FY11-FY12:											MMR		ss Planned /11-FY12:	No actions p	planned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Con	nnonent - Installatio	n / FFID / NPL or Pr	ronose	d NPI	. / RR	AC V	ear / I	PAR/	стс г	elta f	rom F	V09*	7										
Dob con	iponent instanation	II / II ID / IVI E OI II	орозс								_		Costs Thi	rough	FY10	Funds	FY11 E	xecution	FY12 F	Planning			
	Part   Part																						
											_	MMRP	IRP M	IMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
South Dolz	oto																				1 15041 1 041		1/21/2242
ARMY - JI	FHQ SD ARNG / SD82118	8460NG00																					
	IRP Sites and MRSs by C	Classification		Study	0	0	0	16	0	0			\$0	\$610	\$0	\$610	\$0	\$1,492	\$0			\$0	\$6,611
Response Complete		0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	\$541
High			0					0		_													
Medium			0				0	0	0				\$0	\$0		\$0							
Low			16				_	0															
Not Evaluated	-		0		-		0	0	0	8			\$0				\$0		-				
Not Required			0	IRP Fi	nal RC:	FY -	1	MRS Fina	d RC: F	Y 2021		Total	\$0	\$610	\$0	\$610	\$0	\$1,492	\$0	\$656	FY11-Comp	lete	\$16,21
Total IRP Sites	0 MRSPP-6	0 Total MRSs	16																				
in FY IRP Progress Plant	10: ned No IRP sites identified.									MMRI	P Progres	in FY10: s Planned											
AIR FORC	CE - ELLSWORTH AIR I	FORCE BASE / SD857212	464400	/ NPL /	RAB /	C-EST																	
_	IRP Sites and MRSs by (	Classification		Study	20	1	0	0	15	0			\$24,364	\$0	\$6,318	\$0	\$0	\$0	\$0	\$0	FY13	\$827	\$0
Response Complete		1				0(0)	0(0)	0(0)						\$0		\$0			\$0			\$1,934	S
High		0 MRSPP-7	0	_					0	0													
Medium	0 MRSPP-2	0 MRSPP-8	0	-	15	0	0	0	0	0			\$24,122	\$0	\$0	\$0	\$0	\$0	\$0			\$1,093	\$0
Low	Complete   Plane   P																						
Not Evaluated	15 MRSPP-4	0 No Known/Suspected	0	LTM	4	0	10	0	2	0			\$3,507	\$0	\$0	\$0	\$61	\$0	\$25	\$0	FY11-Comp	. MMRP	\$
Not Required	2 MRSPP-5	0 No Longer Required	1	IRP Fi	nal RC:	FY 2022	2 :	MRS Fina	d RC: F	Y 2003		Total	\$93,018	\$0	\$6,820	\$0	\$529	\$0	\$1,010	\$0	FY11-Comp	lete	\$19,50
Total IRP Sites	35 MRSPP-6	0 Total MRSs	1	Five-Y	ear Revie	w Comple	eted and	Planned fo	r Future									•	•				
in FY  IRP Progress Plant for FY11-FY	ned Refer to Page F-53.		D. D. T.	(D0050	0.70-74	00 (DA)	<b>.</b>	OM.		MMRI	Progres	in FY10: s Planned											
FORMER	LY USED DEFENSE SIT	ES - BLACK HILLS ORD	DPT/	_		00 / RA													1				
		Classification				•		,	0	0			-										
Response Complete		0			1(1)			0(0)								_							
High			0	-			_	-		_													
Medium			0	_			_	1					\$6,937	\$4,422		\$0							
Low		<u> </u>	8	_										4.0					_				
Not Evaluated			0		-		<u> </u>	-						4.0				\$0					
Not Required			0	IRP Fi	nal RC:	FY 201'	7	MRS Fina	d RC: F	Y 2040		Total	\$27,047	\$8,887	\$41	\$3,534	\$80	\$0	\$527	\$0	FY11-Comp	lete	\$66,27
Total IRP Sites	Property   Property																						
in FY IRP Progress Plant	10: Final RER was submitted to the Sagencies July 2010 for review and ned  The technical plan FY11/FY12 recommended sites for the MMR	SD DENR and USEPA in February 201 d comments. equires the completion of the FS WP an P and specify sites as NDAI. The FS w	The Dra     the FS. T	oft-Final Fea	sibility Stu	dy Work Pl	an (FS WP	) was submi	tted to the	MMRI	Progres	in FY10: s Planned											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	ponent - Installatio	n / FFID / NPL or Propo	sed NP	L/BR	AC Y	ear / I	RAB/	CTC I	Delta f	rom F	Y09*										
				Com	pleted	Und	erway	Fut	ture		Schedule		hrough		Funds				Planning		(4000)
			Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	oact**	FY10	(\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estim	ate (\$000)	Estimated Cost	s (\$000)
						Sites (A				-	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMRI
South Dako	ta																				
		ES - MITCHELL PRE BOMB	RGE #3 /	SD8979	9F0847	00															
TORENERE			Study	0	0	0	1	0	0			\$0	\$152	so	\$5	\$0	\$0	o s	50 \$0	FY13 \$	
D G 1/	IRP Sites and MRSs by	Classification	IRA	0(0)	0(0)	0(0)	0(0)	-	0	-		\$0		\$0		\$0	\$(			FY13 \$	-
Response Complete High	0 Response Complete 0 MRSPP-1	0 MRSPP-7		0(0)	0(0)	0(0)	0(0)	0	1			\$0		\$0		\$0	\$0			FY14 5 FY15 \$	
Medium	0 MRSPP-1	0 MRSPP-8	0 Design 0 RA-C	0	0	0	0	0	1	-		\$0		\$0		\$0 \$0	\$0				
ow	0 MRSPP-2 0 MRSPP-3		1 RA-O	<del>                                     </del>		<u> </u>	-									H				T 1 10	0
Not Evaluated	0 MRSPP-4	0 Evaluation Pending		0	0	0	0	0	0	-		\$0		\$0		\$0	\$0			FY11-Comp. IRP	\$1
	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0		\$0		\$0	\$0	_		FY11-Comp. MMRP	_
lot Required		0 No Longer Required	O IRP F	inal RC:	FY -		MRS Fin	al RC: F	Y 2035		Total	\$0	\$152	\$0	\$5	\$0	\$0	D \$	50 \$0	FY11-Complete	\$1
otal IRP Sites	0 MRSPP-6	0 Total MRSs	1																		
in FY10											P Progress in FY10:										
IRP Progress Planne for FY11-FY12									MMR	P Progres for FY	ss Planned Y11-FY12:	A Remedia	l Investigation	n/Feasibilit	Study is not	anticipated to	be funded	in FY11 or	FY12		
FORMERL	Y USED DEFENSE SIT	ES - PINE RIDGE GUNNERY	RANGE	/ SD897	99F0772	200 / RA	AB / C-T	ЕСН													
1	IRP Sites and MRSs by	Classification	Study	1	2	0	2	0	0			\$2,395	\$9,494	\$0	\$0	\$0	\$0	) S	\$0 \$0	FY13 \$	0
Response Complete	Response Complete	1	IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$373	\$0	\$0	\$0	\$0	O \$	50 \$0	FY14 \$	0
High	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	3			\$0	\$0	\$0	\$0	\$0	\$0	) <u>\$</u>	50 \$0	FY15 \$	0
/ledium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	1	0	0	0	3			\$0	\$20,154	\$0	\$2,915	\$0	\$0	O \$	50 \$0	FY16 \$	0
Low	0 MRSPP-3	0 Evaluation Pending	3 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	) S	50 \$0	FY11-Comp. IRP	
Not Evaluated	o MRSPP-4	0 No Known/Suspected	0 LTM	1	0	0	1	0	2			\$219	\$0	\$0	\$0	\$0	\$0	) S	50 \$0	FY11-Comp. MMRP	\$2
Not Required	0 MRSPP-5	0 No Longer Required	1 IRP F	inal RC:	FY 200	6	MRS Fina	al RC: F	Y 2040		Total	\$2,614	\$30,021	\$0	\$2,915	\$0	\$0	D \$	50 \$0	FY11-Complete	\$29
Total IRP Sites	1 MRSPP-6	0 Total MRSs	4 Five-Y	ear Revi	ew Compl	eted							•		•			•	•		•
IRP Progres in FY10	SS No progress reported.									MMR	P Progress in FY10:	Rights of e Robotics R	ntry were del esearch labor	ayed by OS atory. USA	Γ until July 2 CE contracted	010, limiting v I with the Ogl	work effort ala Sioux T	prior to wir	iter. Innovative	Technology contract was awarded the Tribe.	ed to the Air f
IRP Progress Planne for FY11-FY12									MMR	P Progres	ss Planned Y11-FY12:	the OST fo	r outreach an	d institution	CE will award al controls. E Park to the	iscussions wit	or MMRP in th the SD N	nvestigation Vational Gua	of additional re ard on PRP issu	eadways and targets. Will continues dealing with the clean up and	ne to contract return of the
FORMERL	Y USED DEFENSE SIT	ES - RAPID CITY AIR TO GE	ROUND G	UNNEI	RY RGE	Z / SD89	799F085	5200													
1	IRP Sites and MRSs by	Classification	Study	0	0	0	1	0	0			\$0	\$134	\$0	\$0	\$0	\$0	) S	\$0 \$0	FY13 \$	0
Response Complete	0 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	) S	50 \$0	FY14 \$	0
ligh	0 MRSPP-1	0 MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	O \$	50 \$0	FY15 \$	0
/ledium	0 MRSPP-2	0 MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	) S	50 \$0	FY16 \$	0
ow	0 MRSPP-3	0 Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	o s		FY11-Comp. IRP	
lot Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0		\$0		\$0	\$0			FY11-Comp. MMRP	\$1
lot Required	0 MRSPP-5	0 No Longer Required		inal RC:			MRS Fin:		V 2033		Total	\$0		\$0		\$0	\$(			FY11-Complete	\$1
otal IRP Sites	0 MRSPP-6	0 Total MRSs	1					NO. I	2 2000			Ψ	7.07		φο	40	Ψ	,	Ψ	comp.eec	
	SS No IRP sites identified.									MMR	P Progress in FY10:	No progres	s reported.								
IRP Progress Planne									MMR		ss Planned		planned.								

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Comp	onent - Installation	/FI	FID / NPL or Pi	ropose	ed NPI	/ BR	AC Y	ear / F	RAB / G	CTC D	elta f	rom F	Y09*											
						Comp	pleted	Unde	erway	Fut	ure		Schedule		hrough				execution			Estimo	ted Costs	(0002)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planne	ed (\$000)	Estima	te (\$000)	Estilla	ieu Cosis	(φυυυ)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
South Dakot	a																							
FORMERLY	USED DEFENSE SITE	S - R	APID CITY PRE B	OM RO	SE #1 / S	D89799	F08530	00																
	IRP Sites and MRSs by C	lassific	ation		Study	0	0	0	1	0	0			\$0	\$141	\$0	\$2	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$12,325
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	1	MRS Fina	ıl RC: FY	2035		Total	\$0	\$141	\$0	\$2	\$0	\$0	\$0	\$0	FY11-Compl	ete	\$12,325
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10:	No IRP sites identified.											MMRI	Progress in FY10:	The Final S	ite Inspectio	n Report was	s completed 2	27 Apr 2010						
IRP Progress Planned for FY11-FY12:	No IRP sites identified.										MMRF		s Planned '11-FY12:	A Remedia	Investigati	on/Feasibility	Study is not	anticipated	to be funded i	n FY11 or F	Y12			

 $<sup>{\</sup>bf *CTC\ Delta\ Reason:\ C-TECH-Technical\ Issues, C-REG-Regulatory\ Issues, C-EST-Estimating\ Criteria}$ 

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-6 Stat	us of Installation	s with FY11 to Comp	pletio	on Co	st E	stima	te Gi	eater	Than	\$10,	000,00	00							Defe	nse Envir	ronmental Restor	ration	Program
DoD Comi	oonent - Installatio	n / FFID / NPL or Prop	oosed	NPL	/ BR	AC Y	ear / I	RAB / G	CTC E	)elta f	rom F	Y09*	٦										
					Com			erway	Fut				Costs T	hrough	FY10	Funds	FY11 E	xecution	FY12 J	Planning			
			Pl	hase –				MMRP			Imp	act**	FY10 (	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estimated	Costs (	(\$000)
				F			Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year II	RP	MMRP
Tennessee																							
_	I AN ADMV AMMINI	ΓΙΟΝ PLANT / TN421382058	8200 / N	NDI / E	DAR / (	C-TEC	п																
ARMITTAL	IRP Sites and MRSs by 0			tudy	38	J-11EC	3	2.	0	0			\$36,295	\$2,585	\$0	\$2,144	\$0	\$0	\$0	\$0	FY13	\$3,365	<u> </u>
Response Complete	36 Response Complete	Liassification		IRA	1(1)	0(0)	1(1)	0(0)		0			\$13,689	\$2,565	\$0		\$0		\$0			\$7,670	
High	3 MRSPP-1	0 MRSPP-7		esign	15	0	2	1	0	0			\$6,743	\$0	\$0		\$0		\$0			\$1,868	
Medium	1 MRSPP-2	0 MRSPP-8		RA-C	17	0	4	1	0	0			\$56,292	\$0	\$0		\$38		\$40			\$1,899	
Low	0 MRSPP-3	0 Evaluation Pending		RA-O	13	0	3	0	1	0			\$53,468	\$1,230	\$3,758	\$1,230	\$3,256		\$3,308		FY11-Comp. IR	P	\$49,90
Not Evaluated	0 MRSPP-4	1 No Known/Suspected	0 I	LTM	3	0	1	0	2	0			\$1,490	\$0	\$0	\$0	\$0		\$0		FY11-Comp. MN		
Not Required	1 MRSPP-5	0 No Longer Required	1	IRP Fin:	al RC:	FY 204	4	MRS Fina	al RC: F	Y 2011		Total	\$167,977	\$3,815	\$3,758	\$3,374	\$3,294	\$0	\$3,348	\$ \$0	FY11-Complete		\$49,90
Total IRP Sites	41 MRSPP-6	1 Total MRSs						Underway													-	-	
IRP Progres	S Refer to Page F-117.										MMRF	Progress	Refer to Pag	ge F-117.									
in FY10	:											in FY10:											
IRP Progress Planne	d p.c., p., p.17									MMDI	D Drogros	s Planned	D . C D	F 117									
for FY11-FY12	Refer to Page F-117.									MINIKI	for FY	11-FY12:	Refer to Pag	ge F-117.									
ARMY - VO	LUNTEER ARMY AM	MUNITION PLANT / TN421	1382093	3300 / I	RAB																		
	IRP Sites and MRSs by (	Classification	s	tudy	19	2	2	0	0	0	REG		\$37,296	\$0	\$560	\$0	\$0	\$0	\$0	\$0	FY13	\$5,574	\$
Response Complete	16 Response Complete	2	1	IRA	4(4)	0(0)	0(0)	0(0)			REG		\$4,825	\$0	\$0	\$0	\$0	\$0	\$0			\$5,621	\$
High	2 MRSPP-1	0 MRSPP-7	0 D	esign	8	0	0	0	1	0	REG		\$3,288	\$0	\$0	\$0	\$825	\$0	\$0		FY15	\$342	\$
Medium	2 MRSPP-2	0 MRSPP-8	0 R	RA-C	7	0	1	0	2	0	REG		\$22,399	\$0	\$0	\$0	\$112	\$0	\$5,164	\$0	FY16	\$339	\$
Low	1 MRSPP-3	0 Evaluation Pending	0 R	RA-O	0	0	0	0	2	0			\$39	\$0	\$39	\$0	\$200	\$0	\$203	\$0	FY11-Comp. IR	P	\$24,32
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 I	LTM	0	0	3	0	0	0			\$197	\$0	\$186	\$0	\$107	\$0	\$83	\$0	FY11-Comp. MN	MRP	
Not Required	0 MRSPP-5	0 No Longer Required	2 ]	IRP Fin	al RC:	FY 204	4	MRS Fina	al RC: F	Y 2003		Total	\$68,044	\$0	\$785	\$0	\$1,244	\$0	\$5,450	\$0	FY11-Complete		\$24,32
Total IRP Sites	21 MRSPP-6	0 Total MRSs	2																				
		P-18, VAAP-36, and VAAP-37. Design do	ocuments w	were comp	leted for '	VAAP-20	and VAAP	-21. A reme	dial		MMRF	Progress	No progress	reported.									
in FY10	: investigation/feasibility study (R)	/FS) was submitted for VAAP-02.										in FY10:											
IDP Progress Planner	d	Y) remedy-in-place (RIP)/RC will be achiev	J 37 A A	ND 20 37A	AD 21 37	A A D 26	JVAAD 2	7		MMDI	P Prograc	s Planned	No ostione	-l									
for FY11-FY12	soil/groundwater remedial alterna	tives will be reevaluated, and a remedy sel-	lected for V	/AAP-35	and VAA	P-02 (nitra	tes). The re	medy for V	AAP-18	IVIIVIIC		11-FY12:	No actions p	manned.									
	will be implemented.																						
NAVY - ME	MPHIS NAS / TN41700	2260000 / BRAC 1993 / RAB	/ C-TE	CH																			
'	IRP Sites and MRSs by C	Classification	S	tudy	79	4	0	0	0	1			\$13,819	\$757	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$337	\$78
Response Complete	75 Response Complete	0	1	IRA	0(0)	0(0)	0(0)	0(0)					\$3,282	\$0	\$0	\$0	\$0	\$222	\$0	\$1,122	FY14	\$321	\$
High	0 MRSPP-1	0 MRSPP-7	0 <b>D</b>	esign	0	0	0	0	0	0			\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$416	\$37
Medium	0 MRSPP-2	0 MRSPP-8	1 R	RA-C	0	0	0	0	0	0			\$1,830	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$334	\$1,03
Low	0 MRSPP-3	0 Evaluation Pending	4 R	RA-O	0	0	0	0	0	0			\$4,645	\$0	\$625	\$0	\$306	\$0	\$792		FY11-Comp. IR	_	\$7,48
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 I	LTM	0	0	0	0	0	0			\$366	\$0	\$42	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MM	MRP	\$16,6
Not Required	4 MRSPP-5	0 No Longer Required	0	IRP Fin	al RC:	FY 202	1	MRS Fina	al RC: F	Y 2020		Total	\$23,947	\$757	\$667	\$0	\$306	\$222	\$792	\$1,206	FY11-Complete		\$24,12
Total IRP Sites	79 MRSPP-6	0 Total MRSs	5																				
	S Response or corrective action cor	nplete at all sites except SWMU7.									MMRF	Progress	Completed 1	UXO1 SI and	d found NFA	with regula	itor agreemer	nt. Formal reg	ulator accep	otance pending			
in FY10	:											in FY10:											
IDD Duoguoga Dlamaa										MMDI	D Drogress	c Dlannad	N	11									

MMRP Progress Planned No actions planned.

for FY11-FY12:

IRP Progress Planned Continued monitoring and treatment at SWMU7.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Con	nponent - Installatio	n / Fl	FID / NPL or Pr	opose	ed NPI	/ BR	AC Y	ear / I	RAB / G	CTC D	elta f	rom F	Y09*	7										
							pleted		erway	Fut		FY10	Schedule			FY10					Planning		ted Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP I	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planned	d (\$000)	Estima	te (\$000)	Esuma	tea Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<b>Tennessee</b>																								
AIR FORCE	CE - ARNOLD AIR FOR	CE BA	SE / TN4571724044	00 / Pro	posed N	PL/R	AB																	
<b>-</b>	IRP Sites and MRSs by 0	Classific	ation		Study	26	11	0	6	4	0			\$41,664	\$6,347	\$0	\$5,477	\$0	\$2,071	\$0	\$2,148	FY13	\$2,185	\$5,
Response Complete	18 Response Complete	2	:		IRA	13(34)	1(1)	1(1)	3(3)					\$36,942	\$3,878	\$156	\$1,353	\$0	\$0	\$0	\$856	FY14	\$1,711	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	2	0	1	0	12			\$2,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,647	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	5	0	1	0	0	5			\$22,093	\$0	\$948	\$0	\$3,671	\$0	\$0	\$5,717	FY16	\$1,220	
Low	0 MRSPP-3	0	Evaluation Pending	15	RA-O	1	0	7	0	5	0			\$6,785	\$0	\$1,516	\$0	\$3,811	\$0	\$1,895		FY11-Comp		\$32,4
Not Evaluated	4 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	6	0	8	5			\$997	\$0	\$47	\$0	\$22	\$0	\$28	\$0	FY11-Comp	MMRP	\$16,
Not Required	8 MRSPP-5	0	No Longer Required	2	IRP F	nal RC:	FY 203	35	MRS Fina	al RC: FY	2015		Total	\$111,441	\$10,225	\$2,667	\$6,830	\$7,504	\$2,071	\$1,923	\$8,721	FY11-Comp	ete	\$49,2
Total IRP Sites	30 MRSPP-6	0	Total MRSs	17	Five-Y	ear Revi	ew Planne	ed for Futu	ire															
in FY												MMRI	Progress in FY10:	Refer to Pag	ge F-22.									
IRP Progress Plant for FY11-FY	ned Refer to Page F-22.										MMRI	Progres for FY	s Planned /11-FY12:	Refer to Pag	ge F-22.									
FORMER	LY USED DEFENSE SIT	ES - M	IOTLOW RANGE /	TN497	99F353	700																		
•	IRP Sites and MRSs by 0	Classific	ation		Study	0	0	0	1	0	0			\$0	\$312	\$0	\$0	\$0	\$657	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	1	0	0	0	0			\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0	0			\$0	\$7,081	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	1	0	0			\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	MMRP	\$10,0
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -	1	MRS Fina	al RC: FY	2038		Total	\$0	\$7,512	\$0	\$0	\$0	\$657	\$0	\$0	FY11-Comp	ete	\$10,0
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY	ned No IRP sites identified.										MMRI	Progre	P Progress in FY10: as Planned V11-FY12:			on available	e funding.							
FORMER	LY USED DEFENSE SIT	ES - SI	PENCER ARTILLE	RVR	NGE /	TN497	99F3522	200																
TOREMEN	IRP Sites and MRSs by 0				Study	0	0	0	1	0	0			\$0	\$3,405	\$0	\$221	\$0	\$222	\$0	02	FY13	\$0	
Response Complete	0 Response Complete	iassine	ation		IRA	0(0)	0(0)	0(0)	0(0)	⊢ Ŭ	Ü	$\vdash$		\$0	\$0,403	\$0		\$0	\$222 \$0	\$0		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	l 0	Design	0(0)	0	0(0)	1	0	0			\$0	\$0	\$0		\$0	\$0 \$0	\$0		FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0	0			\$0	\$64	\$0		\$0		\$0		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0	\$0		FY11-Comp		
lot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0		\$0			_	FY11-Comp		\$42,
Not Required	0 MRSPP-5	0	No Longer Required	0		-	FY -		MRS Fina		•		Total	\$0	\$3,469	\$0		\$0	\$222	\$0		FY11-Comp		\$42.9
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1	1.0.1	nai KCi			THE	NC. 1'1	2031		Lotai	ψ	ψ <b>3</b> ,103	φ0	Ψ221	φυ	ΨΔΔΔ	<b>Ι</b> φυ	, , , ,	1 111-comp		Ψ.2,
IRP Progr in FY													Progress in FY10:											
IRP Progress Plant for FY11-FY	ned No IRP sites identified. 12:										MMRI	Progres for FY	s Planned 11-FY12:	Finalize RI/	FS report and	l prepare de	cision docum	ent for remed	dial/removal	actions. In	itiate remedia	al/removal actions as	prioritized.	

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	/FI	FID / NPL or Pi	ropose	ed NPI	L/BR	AC Y	ear / I	RAB /	CTC 1	Delta f	rom F	Y09*											
						Com	pleted	Und	erway	Fu	ture		Schedule						Execution ed (\$000)				nted Costs	(\$0002)
					Phase	IRP	MMRP		MMRP	IRP	MMRP	ımı	oact**	FY10 (	(\$000)	Obligate	a (\$000)	Planne	ea (\$000)	Estima	te (\$000)	Listinia	iicu Cosis	(ψ000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Tennessee																								
	USED DEFENSE SITE	S - T	ULLA BMBG & G	UNRY I	RGE / T	N49799	F35280	0																
	IRP Sites and MRSs by Cl	lassific	ation		Study	0	0	0	1	0	0			\$0	\$202	\$0	\$0	\$	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$	\$0	\$0	\$0	FY16	\$0	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$	\$0	\$0	\$0	FY11-Comp	. MMRP	\$13,665
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY -		MRS Fin	al RC: F	Y 2040		Total	\$0	\$202	\$0	\$0	\$	\$0	\$0	\$0	FY11-Comp	lete	\$13,665
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10:	No IRP sites identified.											MMR	P Progress in FY10:	No progress	reported.									
IRP Progress Planned for FY11-FY12:											MMRI		ss Planned 111-FY12:	No actions p	planned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	n / FI	FID / NPL or Pr	opose	d NPI	. / BR	AC Y	ear / 1	RAB /	СТС Г	elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure	FY10	Schedule		hrough	FY10					Planning			
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	oact**	FY10 (	<b>\$000</b> )	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
					İ				ctions)			1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Texas																								
_	RT BLISS / TX6213720	10100	RAB																					
	IRP Sites and MRSs by C	Classific	ation		Study	81	3	0	2	0	0		FUND	\$5,561	\$5,176	\$0	\$829	\$0	\$6,171	\$0	\$0	FY13	\$0	\$
Response Complete	81 Response Complete	3			IRA	0(0)	0(0)	0(0)	1(1)				FUND	\$640	\$394	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$14,71
High	0 MRSPP-1	0	MRSPP-7	0	Design	32	0	0	0	0	2		FUND	\$2,562	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	\$30,56
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	36	0	0	0	0	2		REG	\$10,440	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	\$48,91
Low	0 MRSPP-3	1	Evaluation Pending	1	RA-O	3	0	0	0	0	0			\$198	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.	IRP	\$1
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	3	0	8	0	0	2			\$994	\$0	\$532	\$0	\$14	\$0	\$0		FY11-Comp.		\$110,0
Not Required	0 MRSPP-5	0	No Longer Required	3	<u> </u>	nal RC:	FY 200	4	MRS Fin:	al RC: F	7 2019		Total	\$20,395	\$5,570	\$532	\$829	\$14	\$6,171	\$0		FY11-Comp		\$110,10
Total IRP Sites	81 MRSPP-6	0	Total MRSs	5	1				Underway					. ,										-
IRP Progress in FY10											MMR		in FY10:	initiated in t	iscal year (F	Y) 2009 and	continue int	o FY2010. A	A wide area a	ssessment (\	WAA) is unde	on (SI) for FTBLS-0 rway at Castner Ran nvestigation (RI)/fea	ge.	
for FY11-FY12	: NGHORN ARMY AMN	AT INIT	TION DI ANT / TY6	213820	52900 / 1	NDI / I	DAR / C	-ТЕСН				for F	711-FY12:	initiated in I implemente	FY2012. For	Castner Rar	ige, an additi	onal technolo	ogy developn	nent project	(multi-increm	ental sampling (MIS	) protocol) is p	planned to be
ARWIT - LO				213020		48	IAB / C	- 1 E C 11	2.	0	0			\$45,285	\$2,467	\$0	\$44	\$0	\$0	\$0	60	EX/12	\$528	
	IRP Sites and MRSs by C	lassific	ation I		Study		1		_	0	0	-			. ,		-					FY13		\$
Response Complete	39 Response Complete	1	Langer a		IRA	2(2)	2(4)	2(2)	0(0)			-		\$9,831	\$110	\$0		\$0	\$0	\$0			\$79	\$
High	6 MRSPP-1	- 0	MRSPP-7	0	Design	3	0	6	0	0	0	-		\$865	\$0	\$0		\$0	\$0	\$0		FY15	\$80	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	4	0	6	0	0	0	-		\$40,206	\$0	\$0		\$0	\$0	\$0		FY16	\$570	\$ 4.400
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	1	0	9	0	0	0	-		\$5,695	\$0	\$852	\$0	\$564	\$0	\$541		FY11-Comp.		\$14,99
Not Evaluated	0 MRSPP-4 3 MRSPP-5	2	No Known/Suspected	0	LTM	2	0	0	0	4	2			\$72	\$0	\$0		\$0	\$0	\$0		FY11-Comp.		\$1:
Not Required	3 MRSPP-5 48 MRSPP-6	0	No Longer Required	1	1		FY 204			al RC: F	2011		Total	\$101,954	\$2,577	\$852	\$44	\$564	\$0	\$541	\$74	FY11-Comp	lete	\$15,14
Total IRP Sites		0	Total MRSs	3	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future	1													
IRP Progress in FY10 IRP Progress Planned for FY11-FY12	Refer to Page F-105.										MMRI	P Progre	P Progress in FY10: ss Planned V11-FY12:											
ARMY - RE	D RIVER ARMY DEPO	T / T	K621382073800 / BR	AC 199	5/2005	Realign	ment / ]	RAB / C	С-ТЕСН	/ C-EST						_								
	IRP Sites and MRSs by C	Classific	ation		Study	76	3	3	10	0	0			\$14,201	\$1,823	\$109	\$25	\$0	\$193	\$841	\$3,450	FY13	\$451	\$12,05
Response Complete	63 Response Complete	3			IRA	0(0)	0(0)	0(0)	0(0)					\$9,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,236	\$7
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$1,277	\$0	\$0	\$0	\$163	\$254	\$0	\$286	FY15	\$13,459	\$7,65
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$17,306	\$0	\$0	\$0	\$100	\$1,997	\$6,796	\$535	FY16	\$404	\$
Low	2 MRSPP-3	2	Evaluation Pending	3	RA-O	0	0	0	0	0	0			\$1,436	\$0	\$457	\$0	\$358	\$0	\$322	\$0	FY11-Comp.	. IRP	\$32,88
Not Evaluated	1 MRSPP-4	3	No Known/Suspected	2	LTM	0	0	0	0	0	0			\$3,237	\$0	\$36	\$0	\$111	\$0	\$142	\$489	FY11-Comp.	. MMRP	\$27,4
Not Required	13 MRSPP-5	0	No Longer Required	3	IRP Fi	nal RC:	FY 201	7	MRS Fina	al RC: F	2017		Total	\$47,207	\$1,823	\$602	\$25	\$732	\$2,444	\$8,101	\$4,760	FY11-Compl	lete	\$60,30
Total IRP Sites	79 MRSPP-6	0	Total MRSs	13	Five-Y	ear Revie	w Planne	d for Fut	ure													_		
IRP Progress in FY10	Refer to Page F-157.				•							MMR	P Progress in FY10:	Refer to Pag	ge F-157.									
IRP Progress Planned	Refer to Page F-157.										MMRI	P Progre	ss Planned	Refer to Pag	ge F-157.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

	ponent - Installatio	n / FFID / NPL or Propo	sed NP	L/BR	AC Y	ear / F	KAB / C	тср	elta f	rom F	Y09*											
				Com	pleted	Unde	erway	Futi	ıre		chedule	Costs Th		FY10 l		FY11 Execu				77.4	. 10 .	(4000)
			Phase	IRP	MMRP	IRP	MMRP	IRP N	MMRP	Imp	act**	FY10 (	\$000) C	Obligate	d (\$000)	Planned (\$0	000) E	Estimat	e (\$000)	Estima	ted Costs	(\$000)
						Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP MN	<b>ARP</b>	IRP	MMRP	Fiscal Year	IRP	MMRF
Texas																						
NAVY - DA	LLAS NWIRP / TX6170	02277000 / RAB																				
<u> </u>	IRP Sites and MRSs by C		Study	23	0	0	0	0	0			\$12,244	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$173	
Response Complete	14 Response Complete	0	IRA	0(0)	0(0)	0(0)	0(0)					\$6,537	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$176	
High	1 MRSPP-1	0 MRSPP-7	0 Design	1	0	0	0	0	0	FUND		\$372	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$8,894	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	4	0	1	0	0	0	FUND		\$16,597	\$0	\$445	\$0	\$250	\$0	\$0		FY16	\$13,653	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	1	0	1	0			\$526	\$0	\$236	\$0	\$167	\$0	\$170		FY11-Comp	IRP	\$28.
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	0	0			\$4,629	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
Not Required	8 MRSPP-5	0 No Longer Required			FY 203	7 7		l RC: FY			Total	\$40,905	\$0	\$681	\$0	\$417	\$0	\$170		FY11-Comp		\$28,
Total IRP Sites	23 MRSPP-6	0 Total MRSs			w Compl		VIKS FIIIe	ii KC. FI			10	\$10,50E	Ψ	<b>\$601</b>	φυ	<b>411</b>	ΨΟ	ψ1.0	φσ	TTTT Comp	icte	+
IRP Progres	SS Soils RACR was submitted Feb 0	CWB purchase was completed in Dec 08.	Draft RAPs fo	GW and S	ediments w	ere submitte	d in June 09	CAO		MMRF	Progress	No MMRP s	ites identified	d								
	): was submitted in June 09.	7. CWB parchase was completed in Dec 06.	Diant ICH 3 IO	O W and S	cuments w	ac suomini	d in June 0	. CAO		.,,	in FY10:	140 MINING 3	nes identifies	u.								
IRP Progress Planne	d Groundwater LTM will begin. Pl	RB CCR will be approved. ET, FOSET, and C CCP will be finalized. RAPs, CAO, & FOST t	uit Claim Dee	d will be su	bmitted for	Governor's	signature.	PMZ from	MMRI		s Planned 11-FY12:	No MMRP s	ites identifie	d.								
101 F 111-F 112	2. City of Danas will be obtained. 1	cer win be imanized. KAT3, CAO, & FOST t	oc manzed.							101 F 1	11-1 112.											
NAVV MC	GREGOR NWIRP / TX	617002470800 / DAD																				
NAVI-WC			G. 1				0					012.202	00				0.0		0.0	F7874.2	01.106	
	IRP Sites and MRSs by C	Classification	Study	19	0	0	0	0	0	-		\$13,303	\$0	\$0	\$0	\$0	\$0	\$0		FY13	\$1,136	
Response Complete	14 Response Complete	0	IRA	3(3)	0(0)	0(0)	0(0)			FUND		\$25,581	\$0	\$0	\$0	\$0	\$0	\$0			\$1,155	
High	0 MRSPP-1	0 MRSPP-7	0 Design	2	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		1 1 1 1	\$1,175	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-C	4	0	0	0	0	0	FUND		\$2,322	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$1,195	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-O	0	0	5	0	0	0			\$9,234	\$0	\$1,261	\$0	\$1,073	\$0	\$989		FY11-Comp		\$28,
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
Not Required	5 MRSPP-5	No Longer Required	0 IRP F	inal RC:	FY 202	1 1	MRS Fina	l RC: FY	-		Total	\$50,440	\$0	\$1,261	\$0	\$1,073	\$0	\$989	\$0	FY11-Comp	lete	\$28,
Total IRP Sites	19 MRSPP-6	0 Total MRSs	0																			
IRP Progres	SS Continue running Area M treatme	nt system. Transfer property. Continue LTM								MMRF	Progress in FY10:	No MMRP s	ites identifie	d.								
mrii	··										m r 110.											
	d Continue running Area M treatme	ent system. Continue LTM.							MMRI	Progres	s Planned	No MMRP s	ites identifie	d.								
IRP Progress Planne	2:										11-FY12:											
IRP Progress Planne for FY11-FY12										IOF F Y	11-1 112.											
IRP Progress Planne for FY11-FY12										IOF F Y	11-F 112.											
for FY11-FY12	E - AIR FORCE PLANT	4 / TX657172460500 / NPL / R	AB							10r F 1	11-F 1 12.											
for FY11-FY12	E - AIR FORCE PLANT IRP Sites and MRSs by C		AB Study	30	0	0	0	0	0	IOFFY	11-1 112.	\$13,491	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,866	
AIR FORCE				30 4(12)	0 0(0)	0 0(0)	0 0(0)	0	0	IOFFY	11	\$13,491 \$10,366	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$827	\$0 \$0	\$0 \$0		FY13 FY14	\$1,866 \$1,371	
AIR FORCE	IRP Sites and MRSs by C		Study		_	_	_	0	0	IOF F X	11				-					FY14		
AIR FORCE  Response Complete  High	IRP Sites and MRSs by C  28 Response Complete	Classification 0	Study IRA	4(12)	0(0)	0(0)	0(0)			IOF F X	11-F112.	\$10,366	\$0	\$0	\$0	\$827	\$0	\$0	\$0 \$0	FY14	\$1,371	
AIR FORCE  Response Complete High Medium	IRP Sites and MRSs by C  28 Response Complete  0 MRSPP-1	Classification  0  0 MRSPP-7	Study IRA Design	4(12)	0(0)	0(0)	0(0)	0	0	IOF F X		\$10,366 \$8,233	\$0 \$0	\$0 \$0	\$0 \$0	\$827 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0	FY14 FY15	\$1,371 \$1,371 \$1,337	\$13,
AIR FORCE  Response Complete High Medium Low	IRP Sites and MRSs by C 28 Response Complete 0 MRSPP-1 0 MRSPP-2	Classification  0  0 MRSPP-7  0 MRSPP-8	Study IRA  Design RA-C	4(12)	0(0)	0(0)	0(0)	0	0	IOF F X		\$10,366 \$8,233 \$13,946	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$827 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0	FY14 FY15 FY16	\$1,371 \$1,371 \$1,337	\$13,
AIR FORCE  Response Complete High Medium Low Not Evaluated	IRP Sites and MRSs by C 28 Response Complete 0 MRSPP-1 0 MRSPP-2 0 MRSPP-3	Classification	Study IRA 0 Design 0 RA-C 0 RA-O 0 LTM	4(12) 2 3 1	0(0)	0(0) 0 0 2	0(0)	0 0	0 0 0	IOF F X	Total	\$10,366 \$8,233 \$13,946 \$23,552	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,340	\$0 \$0 \$0	\$827 \$0 \$0 \$1,257	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,280	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,371 \$1,371 \$1,337 • IRP • MMRP	
for FY11-FY12	IRP Sites and MRSs by C 28 Response Complete 0 MRSPP-1 0 MRSPP-2 0 MRSPP-3 0 MRSPP-4	Classification	Study IRA Design RA-C RA-O RA-O ITM IRP F	4(12) 2 3 1 0	0(0) 0 0 0 0 FY 201	0(0) 0 0 2 1	0(0)	0 0 0 2	0 0 0	IOF FX		\$10,366 \$8,233 \$13,946 \$23,552 \$2,075	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,340 \$0	\$0 \$0 \$0 \$0 \$0	\$827 \$0 \$0 \$1,257 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,280 \$156	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,371 \$1,371 \$1,337 • IRP • MMRP	\$13, \$13,
AIR FORCE  Response Complete High Medium Low Not Evaluated Not Required Total IRP Sites	28	Classification	Study IRA Design RA-C RA-O RA-O ITM IRP F	4(12) 2 3 1 0	0(0) 0 0 0 0 FY 201	0(0) 0 0 2 1	0(0) 0 0 0 0 0 WIRS Fina	0 0 0 2	0 0 0		Total	\$10,366 \$8,233 \$13,946 \$23,552 \$2,075 \$71,663	\$0 \$0 \$0 \$0 \$0 \$0 <b>\$0</b>	\$0 \$0 \$0 \$1,340 \$0 <b>\$1,340</b>	\$0 \$0 \$0 \$0 \$0	\$827 \$0 \$0 \$1,257 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,280 \$156	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,371 \$1,371 \$1,337 • IRP • MMRP	
AIR FORCE  Response Complete ligh Medium .ow Not Evaluated Not Required Fotal IRP Sites	IRP Sites and MRSs by C  28 Response Complete  0 MRSPP-1  0 MRSPP-2  0 MRSPP-3  0 MRSPP-4  2 MRSPP-5  30 MRSPP-6  88 Refer to Page F-13.	Classification	Study IRA Design RA-C RA-O RA-O ITM IRP F	4(12) 2 3 1 0	0(0) 0 0 0 0 FY 201	0(0) 0 0 2 1	0(0) 0 0 0 0 0 WIRS Fina	0 0 0 2	0 0 0			\$10,366 \$8,233 \$13,946 \$23,552 \$2,075 \$71,663	\$0 \$0 \$0 \$0 \$0 \$0 <b>\$0</b>	\$0 \$0 \$0 \$1,340 \$0 <b>\$1,340</b>	\$0 \$0 \$0 \$0 \$0	\$827 \$0 \$0 \$1,257 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,280 \$156	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,371 \$1,371 \$1,337 • IRP • MMRP	
AIR FORCE  Response Complete High Medium LOW Not Evaluated Not Required Fotal IRP Sites  IRP Progres	IRP Sites and MRSs by C  28 Response Complete  0 MRSPP-1  0 MRSPP-2  0 MRSPP-3  0 MRSPP-4  2 MRSPP-5  30 MRSPP-6  88 Refer to Page F-13.	Classification	Study IRA Design RA-C RA-O RA-O ITM IRP F	4(12) 2 3 1 0	0(0) 0 0 0 0 FY 201	0(0) 0 0 2 1	0(0) 0 0 0 0 0 WIRS Fina	0 0 0 2	0 0 0		Total	\$10,366 \$8,233 \$13,946 \$23,552 \$2,075 \$71,663	\$0 \$0 \$0 \$0 \$0 \$0 <b>\$0</b>	\$0 \$0 \$0 \$1,340 \$0 <b>\$1,340</b>	\$0 \$0 \$0 \$0 \$0	\$827 \$0 \$0 \$1,257 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,280 \$156	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,371 \$1,371 \$1,337 • IRP • MMRP	

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

			Dhar		pleted	Under		Futur		Y10 Schedule Impact**	Costs Tl FY10 (		FY10 I Obligated		FY11 Exe Planned		FY12 Pl Estimate		Estimate	ed Costs	(\$000)
			Phase	i ikr		Sites (Ac		IRP M	VIKI	IRP MMRP	,			MMRP		MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
l'exas																					
AIR FORCE	- KELLY AFB / TX6571	172433300 / BRAC 1995 / R	RAB																		
	IRP Sites and MRSs by Cla	assification	Study	y 35	2	0	0	0	0		\$61,887	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$527	
esponse Complete	24 Response Complete	2	IRA	20(24)	0(0)	0(0)	0(0)				\$60,188	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
ligh	0 MRSPP-1	0 MRSPP-7	0 Design	<b>n</b> 10	0	0	0	0	0		\$37,178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$2,314	
edium	0 MRSPP-2	0 MRSPP-8	0 RA-C	C 11	0	0	0	0	0		\$48,593	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$5,262	
w	0 MRSPP-3	0 Evaluation Pending	0 RA-O	1	0	11	0	0	0		\$74,810	\$0	\$5,239	\$0	\$22,921	\$0	\$0	\$0	FY11-Comp.	IRP	\$48,
ot Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM	0 1	0	17	0	8	0		\$7,969	\$0	\$17	\$0	\$17	\$0	\$0	\$0	FY11-Comp.	MMRP	
ot Required	11 MRSPP-5	0 No Longer Required	2 IRP	Final RC:	FY 2023	3 N	MRS Fina	l RC: FY	2008	Total	\$290,625	\$0	\$5,256	\$0	\$22,938	\$0	\$0	\$0	FY11-Comple	ete	\$48,
tal IRP Sites	35 MRSPP-6	0 Total MRSs	2 Five-	-Year Revie	ew Comple	eted and P	lanned for	r Future													
in FY10:		<u> </u>								MMRP Progress in FY10:											
in FY10:  IRP Progress Planned for FY11-FY12:	the Refer to Page F-98.								MMRP Pr												
in FY10:  IRP Progress Planned for FY11-FY12:	the Refer to Page F-98.	RCE BASE / TX657152412	900 / BRAC	2005 Re	alignme	nt / RAI	3 / C-ES		MMRP Pr	in FY10:											
in FY10:  IRP Progress Planned for FY11-FY12:	the Refer to Page F-98.		2900 / BRAC Study		ealignme	ont / RAF	B / C-ES		MMRP Pr	in FY10:		e F-98.	\$0	\$3,924	\$0	\$0	\$0		FY13	\$14,030	\$2
in FY10:  IRP Progress Planned for FY11-FY12:  AIR FORCE - esponse Complete	In Refer to Page F-98.  C - LACKLAND AIR FOR IRP Sites and MRSs by Cla  Response Complete	lassification 5		y 75 9(15)				<b>ST</b> 27	MMRP Pr	in FY10:	\$16,975 \$10,160	e F-98.	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,347	\$2
in FY10:  IRP Progress Planned for FY11-FY12:  AIR FORCE - esponse Complete   igh	In Refer to Page F-98.  C - LACKLAND AIR FOR IRP Sites and MRSs by Cla  Response Complete  MRSPP-1	lassification 5 0 MRSPP-7	Study IRA 0 Design	y 75 9(15) n 17	12 0(0) 0	0	14	ST	0 0	in FY10:	\$16,975 \$10,160 \$5,301	\$5,384 \$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	FY14 FY15	\$1,347 \$990	:
in FY10:  IRP Progress Planned for FY11-FY12:  AIR FORCE - esponse Complete igh ledium	In Refer to Page F-98.  C - LACKLAND AIR FOR IRP Sites and MRSs by Cla SP Response Complete MRSPP-1 MRSPP-2	lassification   5   0   MRSPP-7   0   MRSPP-8	Study IRA 0 Design 0 RA-C	y 75 9(15) n 17 C 27	12 0(0)	0	14 0(0)	<b>ST</b> 27	MMRP Pr	in FY10:	\$16,975 \$10,160	e F-98.	\$0	\$0	\$0	\$0	\$0	\$0 \$0 \$0	FY14 FY15 FY16	\$1,347 \$990 \$1,947	5
in FY10:  IRP Progress Planned for FY11-FY12:  AIR FORCE -  desponse Complete ligh ledium ow	C - LACKLAND AIR FOR IRP Sites and MRSs by Cla SP Response Complete 0 MRSPP-1 2 MRSPP-2 0 MRSPP-3	assification	Study IRA 0 Design	y 75 9(15) n 17 C 27	12 0(0) 0	0	14 0(0)	<b>ST</b> 27	0 0	in FY10:	\$16,975 \$10,160 \$5,301	\$5,384 \$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp.	\$1,347 \$990 \$1,947 IRP	\$65
in FY10:  IRP Progress Planned for FY11-FY12:  AIR FORCE -  desponse Complete ligh fedium ow over the complete ligh for Evaluated	C - LACKLAND AIR FOR IRP Sites and MRSs by Cla SP Response Complete 0 MRSPP-1 2 MRSPP-2 0 MRSPP-3 27 MRSPP-4	lassification  5  0 MRSPP-7  0 MRSPP-8  0 Evaluation Pending  0 No Known/Suspected	Study IRA 0 Design 0 RA-C	y 75 9(15) n 17 C 27 O 2	12 0(0) 0	0 1(1) 0 2	14 0(0)	27 0 1	0 0 14	in FY10:	\$16,975 \$10,160 \$5,301 \$39,825	\$5,384 \$0 \$0 \$0 \$0	\$0 \$0 \$216 \$2,457 \$181	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$1,951 \$49	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp. 1	\$1,347 \$990 \$1,947 IRP MMRP	\$65, \$5
in FY10:  IRP Progress Planned for FY11-FY12:  AIR FORCE - esponse Complete ligh leedium ow ot Evaluated ot Required	Refer to Page F-98.  C - LACKLAND AIR FOR IRP Sites and MRSs by Cla SP Response Complete 0 MRSPP-1 2 MRSPP-2 0 MRSPP-3 27 MRSPP-4 14 MRSPP-5	assification	Study IRA 0 Design 0 RA-C 21 RA-O 0 LTM	y 75 9(15) n 17 C 27 O 2	0(0) 0 0 0 0	0 1(1) 0 2 14	14 0(0) 0 0 0	27 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 14 0 14	in FY10:	\$16,975 \$10,160 \$5,301 \$39,825 \$11,882	\$5,384 \$0 \$0 \$0	\$0 \$0 \$216 \$2,457	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$3,870	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,951	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp.	\$1,347 \$990 \$1,947 IRP MMRP	\$65,
in FY10:  IRP Progress Planned for FY11-FY12:  AIR FORCE -  desponse Complete ligh ledium ow	C - LACKLAND AIR FOR IRP Sites and MRSs by Cla SP Response Complete 0 MRSPP-1 2 MRSPP-2 0 MRSPP-3 27 MRSPP-4	lassification  5  0 MRSPP-7  0 MRSPP-8  0 Evaluation Pending  0 No Known/Suspected	Study   IRA     0   Design   0   RA-C   21   RA-O   0   LTM   5   IRP   1	y 75 9(15) m 17 C 27 O 2 I 5	12 0(0) 0 0 0 0 FY 2029	0 1(1) 0 2 14 1	14 0(0) 0 0 0 0	27 0 1 0 14 dl RC: FY	0 0 14 0 14	in FY10:	\$16,975 \$10,160 \$5,301 \$39,825 \$11,882 \$2,892	\$5,384 \$0 \$0 \$0 \$0	\$0 \$0 \$216 \$2,457 \$181	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$3,870 \$32	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$1,951 \$49	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp. 1	\$1,347 \$990 \$1,947 IRP MMRP	\$65, \$5

## ◆ FORMERLY USED DEFENSE SITES - AMARILLO AIR FORCE BASE / TX69799F649900

Total IRP Sites

5 MRSPP-6

	IRP Sites and MRSs by O	Classific	ation		Study	5	0	0	1	0	0		\$5,258	\$167	\$0	\$0	\$0	\$0	\$0	\$559	FY13 \$34	\$182
Response Complete	2 Response Complete	0			IRA	1(1)	0(0)	0(0)	0(0)				\$437	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14 \$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0 ]	Design	3	0	0	0	0	1		\$128	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15 \$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	2	0	3	0	0	1		\$5,123	\$0	\$55	\$0	\$171	\$0	\$56	\$0	FY16 \$0	\$0
Low	1 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. IRP	\$710
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MMRP	\$15,853
Not Required	2 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	5	MRS Fina	l RC: FY	Z 2030	Total	\$10,946	\$167	\$55	\$0	\$171	\$0	\$56	\$559	FY11-Complete	\$16,563

IRP Progress Landfill: GW monitoring has ceased due to 4 consecutive sampling rounds with no exceedences. TCEQ does not concur with discontinuance of in FY10: sampling and issue being worked with regulators. Small Arms Firing Range: Currently undergoing RD/RA.

in FY10: res

IRP Progress Planned Continue to negotiate with regulators to resolve outstanding issues for the projects and associated reports. Resolve ongoing/new PRP issues. for FY11-FY12: Review/evaluate findings at SAFR and determine future actions - coordinate with regulators & stakeholders.

0 Total MRSs

MMRP Progress Planned Resolve issues with regulators and evaluate future funding of RIFS based on MRSPP score/ranking.

for FY11-FY12:

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

MMRP Progress Final MMRP SI report recommended proceeding to RIFS for two MRSs and NDAI for two MRSs. Regulators disagree and district is working to

DoD Comp	onent - Installation	n / Fl	FID / NPL or Pr	opose	d NPI	/ BR	AC Y	ear / ]	RAB /	CTC I	)elta f	rom F	Y09*	7										
						Com	pleted	Und	lerway	Fut	ure		Schedule	Costs Th	rough	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (\$	6000)	Obligate	ed (\$000)	Planne	1 (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	Actions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Texas																								
FORMERLY	Y USED DEFENSE SIT	ES - A	TLAS MISSILE NO	).7 (K0	6OK040	7) / TX	69 <b>7</b> 99F	648800	/ C-EST															
	IRP Sites and MRSs by C				Study	1	0	1	0	0	0			\$2,457	\$0	\$31	\$0	\$340	\$0	\$0	\$0	FY13	\$72	S
Response Complete	1 Response Complete	0	ation		IRA	0(0)	0(0)	0(0)	0(0)		-			\$0	\$0	\$0		\$0	\$0	\$0		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	1	0			\$0	\$0	\$0		\$0	\$0	\$0		FY15	\$0	
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	0			\$984	\$0	\$0		\$278	\$0	\$156		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0			FY11-Comp	IRP	\$11,4
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0	\$0		\$0	\$0			FY11-Comp		7-2,1
Not Required	0 MRSPP-5	0	No Longer Required	0			FY 202	0	MRS Fin	al RC+ F			Total	\$3,441	\$0	\$31		\$618	\$0	\$156		FY11-Comp		\$11,4
Total IRP Sites	2 MRSPP-6	0	Total MRSs	0	110111	nai Re.	11 202		WILL I	urke. r				77,112	+-		7.0	7	+-	, , , ,	4.0			
in FY10					•								in FY10:	No MMRP si										
for FY11-FY12	d Complete current RIFS phase act : are resolved.									el) issues	MMRI		ss Planned /11-FY12:	No MMRP si	tes identific	ed.								
TOROIDAD				(FORT			AUJIJ		1 1	0	1	FUND	FUND	612	\$268	60	\$0	80	60	\$0	\$0	EX/12	\$0	
	IRP Sites and MRSs by C	Classific	ation I		Study	2	1	0	1	0	1	FUND	FUND	\$13		\$0		\$0	\$0			FY13		
Response Complete	2 Response Complete	1	Lenonn e		IRA	0(0)	0(0)	0(0)	0(0)			-		\$0	\$0	\$0		\$0	\$0	\$0 \$0		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	1	-		\$12	\$0	\$0		\$0	\$0			FY15	\$0 \$0	
Medium Low	0 MRSPP-2 0 MRSPP-3	0	MRSPP-8 Evaluation Pending	0	RA-C RA-O	2	0	0	0	0	-			\$19	\$0	\$0		\$0	\$0	_		FY16		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	2		0	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0			FY11-Comp FY11-Comp		\$80,6
Not Required	0 MRSPP-5	0	No Longer Required	0	LTM	1	1		0	0	1			\$1	\$2	\$1			\$0	\$0				\$80,6
Total IRP Sites	2 MRSPP-6	0		3	IRPFi	nal RC:	FY 199	8	MRS Fin	al RC: F	Y 2033		Total	\$45	\$270	\$1	\$2	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$80,0
		0	Total MRSs	3								MMDI	D. D											
in FY10 IRP Progress Planner for FY11-FY12	d No actions planned.										MMRI	P Progres	in FY10:	SI report for l					ed.					
FORMERLY	Y USED DEFENSE SIT	ES - C	AMP BOWIE / TX6	69799F6	644400																			
	IRP Sites and MRSs by C	Classific	ation		Study	2	0	1	1	0	0	REG	REG	\$1,163	\$2,794	\$14	\$0	\$84	\$0	\$0		FY13	\$705	
Response Complete	2 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$88	\$0		\$0	\$0			FY14	\$0	
High	1 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	1			\$30	\$0	\$0		\$88	\$0			FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	1			\$43	\$0	\$0	\$0	\$117	\$0	\$328	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$1,8
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	0	1	1			\$2	\$0	\$2	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$26,9
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	4	MRS Fin	al RC: F	Y 2044		Total	\$1,238	\$2,882	\$16	\$0	\$289	\$0	\$328	\$0	FY11-Comp	lete	\$28,7
Total IRP Sites	3 MRSPP-6	0	Total MRSs	1																				
IRP Progres in FY10	S Project close out reports were cor: FS on the landfill was completed.	npleted fo	or a con/htrw and a htrw project	ct. Field w	ork for the F	tI/						MMRI	P Progress in FY10:	No progress r	reported.									
IRP Progress Planner	d Produce draft RI/FS on the landfi	ll, project	13, attend to regulatory comm	nents.							MMRI	P Progres	ss Planned	No actions pl	anned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatio	n / El	FID / NDI on Dr	ronoce	d NDI	/ <b>DD</b>	ACV	00m / I	DAD / 4	CTC D	olto f	nom E	V00*	7									
DoD Comp	onent - Instanatio	П / Г ]	FID / NPL OF PI	ropose	EU NPI		pleted		erway	Fut			Schedule	Costs Through	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
					Phase			_	MMRP			Imp	act**	FY10 (\$000)	Obligat	ed (\$000)	Planne	1 (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Texas																							
	USED DEFENSE SIT	ES - C	AMP HOWZE (FE)	LDERI	HOFF) /	TX6979	09F6447	700															
TORRIBADI	IRP Sites and MRSs by			LDLKI	Study	1 1	0	1 1	1	0	0	REG	REG	\$755 \$4,722	\$22	\$179	\$22	\$400	\$59	\$0	FY13	\$94	\$5,05
Response Complete	1 Response Complete	Liassino	ation		IRA	0(0)	1(1)	0(0)	0(0)	-	0	REG	REG	\$30 \$0	\$0		\$0	\$0	\$0		FY14	\$6	\$5,27
High	0 MRSPP-1	0	MRSPP-7	l 0	Design	1	0	0	0	1	1			\$25 \$0			\$0	\$0	\$0			\$214	\$5,27
Medium	1 MRSPP-2	1	MRSPP-8	0	RA-C	1	0	0	1	1	0			\$0 \$19,423			\$0	\$0	\$0		FY16	\$888	\$5,3
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0 \$0	) \$0	\$0	\$0	\$0	\$0		FY11-Comp.	IRP	\$1,9
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	1	1	0			\$5 \$1	\$1	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$22,0
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	9	MRS Fina	al RC: FY	2037		Total	\$815 \$24,146	\$23	\$179	\$22	\$400	\$59	\$239	FY11-Compl	ete	\$23,90
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	w Planne	d for Fut	ure					•	_	•		•		•			•
in FY10:	Finished project close out, PCO,  Conduct field work for the RI/FS			ork on the I	RI/FS for pro	ject 11 the	landfill.				MMRI	P Progres	in FY10:	The draft final report for Review report by USA				nents.					
FORMERLY	USED DEFENSE SIT	ES - C	AMP HULEN (PAI	ACIO	S IND. C	CO.) / T	X69799	F64480	0														
,	IRP Sites and MRSs by	Classific	eation		Study	1	0	0	1	0	0			\$13 \$217	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1			\$15 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	5
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	1			\$331 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0 \$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	1			\$2 \$0	\$2	\$0	\$0	\$0	\$0		FY11-Comp.		\$32,88
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 199	8	MRS Fina	al RC: FY	2059		Total	\$361 \$217	\$2	\$0	\$0	\$0	\$0	\$0	FY11-Compl	ete	\$32,88
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1																			
IRP Progress in FY10:  IRP Progress Planned for FY11-FY12:											MMRI	Progres	in FY10:	No progress reported.  No actions planned.									
FORMERLY	USED DEFENSE SIT	ES - C	AMP MAXEY / TX	69 <b>7</b> 99F	668600	C-EST	Γ								_								
	IRP Sites and MRSs by	Classific	ation		Study	1	0	0	1	0	0			\$0 \$4,538	\$0	\$251	\$0	\$400	\$0		FY13	\$0	5
Response Complete	1 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$30 \$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1			\$17			\$0	\$0	\$0		FY15	\$0	:
Medium	0 MRSPP-2	1	MRSPP-8	0	RA-C	1	0	0	1	0	0			\$0 \$10,034	_		\$0	\$0	\$0		FY16	\$0	\$2:
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0 \$0			\$0	\$0			FY11-Comp.		:
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0 \$0			\$0	\$0	\$0		FY11-Comp.		\$18,5
Not Required	0 MRSPP-5	0	No Longer Required	0	-		FY 199		MRS Fina	al RC: FY	2017		Total	\$47 \$14,572	\$0	\$512	\$0	\$400	\$0	\$218	FY11-Compl	ete	\$18,50
IRP Progress in FY10:	1 MRSPP-6 No progress reported.	0	Total MRSs	1	Five-Y	ear Revie	ew Planne	ed for Fut	ure			MMRI	Progress in FY10:	The non-TCRA was co	mpleted. RI/	FS work plan	was revised.						
IRP Progress Planned for FY11-FY12:											MMRI		s Planned 711-FY12:	Continue with field wo	rk for RI/FS.								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

													Y09*											
							pleted		erway	Fut		FY10 S Imp	chedule	Costs Th FY10 (S		FY10 l Obligate			xecution d (\$000)			Estima	ted Costs	(\$000)
					Phase	IRP				IRP 1	MMRP	шр	act	F 1 10 (3	, (UUU)	Jungate	1 (\$000)	riaime	1 (\$000)	Estima	te (\$000)	Listina	icu cosis	(ψοσο)
								Sites (A	ctions)			IRP	MMRP	IRP N	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
exas																								
FORMERLY	USED DEFENSE SITI	ES - C	AMP SWIFT / TX69	799F6	68500																			
•	IRP Sites and MRSs by C	lassific:	ation		Study	2	0	0	1	0	0	TECH	TECH	\$13	\$4,684	\$0	\$729	\$0	\$249	\$0	\$1	FY13	\$0	
esponse Complete	2 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$434	\$0	\$0	\$0	\$0	\$0		FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	1			\$168	\$0	\$0	\$0	\$0	\$78	\$0		FY15	\$0	
ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	2	0	0	1	0	0			\$243	\$22	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.	. IRP	
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$1
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 199	6	MRS Fina	al RC: FY	Y 2019	•	Total	\$424	\$5,140	\$0	\$729	\$0	\$327	\$0	\$1	FY11-Comp	lete	\$1
otal IRP Sites	2 MRSPP-6	0	Total MRSs	1	1			d for Futi																
IRP Progres	S No progress reported.		<u> </u>									MMRP	Progress	Drafted RI/E	S work plan									
in FY10													in FY10:		- · · · · · · ·									
IRP Progress Planner for FY11-FY12											MMRF		s Planned 11-FY12:	Attend to rigl	ht of entry is	sues with pr	ivate landow	ners (severa	l thousand), in	order to at	tend to field w	vork for the RI/FS.		
	•											101 1 1												
FORMERLY	Y USED DEFENSE SITI	ES - C	AMP WOLTERS / T	X6979	9F6464	00																		
Tonama				120> / >	Study	1	0	1 1	1	0	0	TECH	TECH	\$940	\$955	\$350	\$5	\$354	\$2,717	\$0	\$314	FY13	\$0	
esponse Complete	IRP Sites and MRSs by C	assinc	ation		IRA	0(0)	1(1)	0(0)	0(0)	l °	0	TECH	TECH	\$0	\$175	\$0	\$0	\$0	\$2,717	\$0		FY14	\$0	
igh	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0(0)	0	0	1			\$265	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$79	
edium	1 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	1			\$1,130	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	1			\$7	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$2
ot Required	0 MRSPP-5	0	No Longer Required	0		nol DCs	FY 201			al RC: FY	7 2046	l	Total	\$2,342	\$1,130	\$350	\$5	\$354	\$2,717	\$0		FY11-Comp		\$2
otal IRP Sites	2 MRSPP-6	0	Total MRSs	1	I IKI FI	nai KC.	F1 201	,	WIKS FIII	ai KC. F	2040		Total	ψ2,5 <b>42</b>	\$1,150	\$550	Ψυ	φυυν	φ2,717	φο	\$314	r i i i - comp	ictc	Ψ=
		-	Total MIKSS		l							MMDD	Риссиоло	TI OF		<i></i>								
in FY10	S Awarded the RI/FS.											MINIKI	Progress in FY10:	The SI was a	warded and	field work b	egan.							
	l Conduct field work and draft the	RI/FS for	the landfill project								MMRF		s Planned	Finish writing	g SI report a	nd finalize.								
for FY11-FY12	:											Ior F Y	11-FY12:											
FORMERIA	A LIGED DEPENDE GUE	EG . G	A CONTEND DANCE //	TX/ CO5	0057400	100																		
FORMERL	Y USED DEFENSE SITI			TX697																				
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$177	\$0	\$20	\$0	\$744	\$0		FY13	\$0	
esponse Complete	0 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$0	\$130	\$0	\$0	\$0	\$0	\$0		FY14	\$0	
gh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	
edium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
ot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$1
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -	1	MRS Fina	al RC: FY	Y 2039		Total	\$0	\$307	\$0	\$20	\$0	\$744	\$0	\$0	FY11-Comp	lete	\$1
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IDD D	S No IRP sites identified.											MMRP	Progress	No progress i	reported.									
in FY10													in FY10:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installatio	n / FI	FID / NPL or Pr	opose	ed NPI	/ BR	RAC Y	ear / l	RAB / G	CTC D	elta fi	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure			Costs Th		FY10					Planning	Fetimo	ted Costs	(0002)
					Phase	IRP			MMRP	IRP 1	MMRP	Imp	act**	FY10 (	\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	ite (\$000)	Estilla	iteu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Гexas																								
FORMERLY	Y USED DEFENSE SIT	ES - D	ALHART PREC BO	)MB R	GE 3-4/	TX69	799F665	5000																
	IRP Sites and MRSs by 0	Classific	ation		Study	0	0	0	1	0	0			\$0	\$211	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	SO		FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$18
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	al RC: FY	2074		Total	\$0	\$211	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$18,
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY10:	No IRP sites identified.										MMRF	Progres	in FY10:	No progress  No actions p										
FORMERLY	Y USED DEFENSE SIT	ES - F	ORT CLARK / TX6	9799F6	644600																			
	IRP Sites and MRSs by 0				Study	1	0	0	1	0	0			\$13	\$273	\$0	\$0	\$0	\$0	SO	\$0	FY13	\$0	
Response Complete	1 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0					SO		FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1			\$10	\$0	\$0				\$0		FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	1			\$154	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	0	1			\$1	\$0			\$0	\$0	\$0		FY11-Comp		\$22,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 199	19	MRS Fina	al RC: FY	7 2088		Total	\$178	\$273	\$1	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$22,
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1	1																			
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No actions planned.				-						MMRF	Progres	in FY10:	No progress  No actions p										
FORMERLY	Y USED DEFENSE SIT	ES - M	IATAGORDA ISLA	ND AF	RANG	E / TX	69 <b>7</b> 99F6	48300 /	C-TECI	H														
	IRP Sites and MRSs by 0	Classific	ation		Study	3	0	0	1	0	0			\$84	\$126	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	3 Response Complete	0			IRA	1(1)	1(1)	0(0)	0(0)					\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	3	0	0	0	0	1			\$181	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	3	0	0	0	0	1			\$1,062	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$0	
Low	0 MRSPP-3	1	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$(		FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$1	\$0	\$(	\$0	FY11-Comp	. MMRP	\$19,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 199	5	MRS Fina	al RC: FY	2077		Total	\$1,362	\$126	\$0	\$0	\$1	\$0	\$0	\$0	FY11-Comp	lete	\$19,
Total IRP Sites	3 MRSPP-6	0	Total MRSs	1																				
IRP Progress in FY10: IRP Progress Planned for FY11-FY12:	No actions planned.										MMRF	Progres	in FY10:	No progress										

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Cor	mponent - Installation	n / FI	FID / NPL or Pr	opose	ed NPI	L/BR	RAC Y	ear / I	RAB / (	CTC D	elta fi	rom F	Y09*	7										
	•						pleted		erway	Fut		FY10 S	Schedule				Funds		xecution			TD 4	. 10 .	(0000)
					Phase	IRP	MMRF	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	<b>\$000</b> )	Obligat	ed (\$000)	Planne	d (\$000)	Estima	ite (\$000)	Estima	ited Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Гexas																								
FORMER	RLY USED DEFENSE SIT	ES - M	ATAGORDA PENI	INSUL	A BOM	BING I	RANGE	/ TX69	799F825	800 / C-	TECH /	C-EST												
<b>*</b>	IRP Sites and MRSs by C	Classific	ation		Study	1	2	1	5	0	0	FUND	FUND	\$3	\$147	\$0	\$0	\$91	\$0	\$0	\$0	FY13	\$0	
Response Complete	1 Response Complete	2			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	3	Design	0	0	0	0	1	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	1	5			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	1 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	0	0			\$0	\$0	so	\$0	\$0	\$0	\$0		FY11-Comp		\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	4			\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$12,
Not Required	0 MRSPP-5	2	No Longer Required	2	IRP F	inal RC:	FY 202	20	MRS Fina	al RC: FY	2117		Total	\$3	\$147	\$0	\$0	\$91	\$0	\$0	\$0	FY11-Comp	lete	\$12,9
Total IRP Sites	2 MRSPP-6	0	Total MRSs	7																				
in FY											Marin		Progress in FY10:											
for FY11-FY	nned Complete SI if funds are available Y12:	e.									MMRF	for FY	s Planned 711-FY12:	No actions p	lanned.									
FORMER	RLY USED DEFENSE SIT	ES - N	AVY AUXILIARY	FIELD	(INS) / '	ΓX6979	9F8045	00																
	IRP Sites and MRSs by C	Classific	ation		Study	1	0	0	1	0	0			\$63	\$195	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	SC	\$0	\$0	\$0	\$0	\$0	FY15	\$0	
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	so	\$0	\$0	\$0	\$0		FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$11,
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 200	00	MRS Fina	al RC: FY	2062		Total	\$63	\$195	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$11,
Total IRP Sites	1 MRSPP-6	0	Total MRSs	1																				
in FY	nned No actions planned.										MMRF	Progres	Progress in FY10: as Planned 711-FY12:											
FORMER	RLY USED DEFENSE SIT	ES - P	ANTEX ORDNANC	E PLA	NT (TX	TECH	D / TX6	9799F6	55100 / N	JPL / C-	EST													
¥ - 511112A	IRP Sites and MRSs by C			231	Study	2	0	0	1	0	0	1		\$9,421	\$589	So	\$16	\$0	\$0	\$0	\$30	FY13	\$41	:
Response Complete	0 Response Complete	1435111C	uuon		IRA	0(0)	1(1)	0(0)	0(0)	<u> </u>		-		\$1,243	\$0						_	FY14	\$1,445	
High	0 MRSPP-1	0	MRSPP-7	1 0	_	0(0)	0	1	1	0	0			\$833	\$0					\$90		FY15	\$1,548	
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	1	0	1	1			\$265	\$0					\$203		FY16	\$1,138	
LOW	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0							FY11-Comp		\$6,
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	1	0			\$0	\$0							FY11-Comp		\$3,
Not Required	1 MRSPP-5	0	No Longer Required	0			FY 201		MRS Fina	al RC: FV			Total	\$11,762	\$589	\$50	-		-	\$293		FY11-Comp		\$10,
Total IRP Sites	2 MRSPP-6	0	Total MRSs	1	1		_ 1 201				0.0		1				,				,,,,,,			
in FY				,									Progress in FY10:											
IRP Progress Plan for FY11-FY	nned Refer to Page F-145.										MMRF		s Planned '11-FY12:	Refer to Pag	e F-145.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Con	nponent - Installatio	n / FI	FID / NPL or Pr	opose	ed NPI	Z / BR	AC Y	ear / F	RAB / (	CTC D	elta fi	rom F	Y09*											
	•						pleted		erway	Fut		FY10 S	Schedule				Funds		Execution			F. 4	. 1.0	(0000)
					Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	<b>\$000</b> )	Obligat	ed (\$000)	) Planı	ned (\$000)	Estima	ite (\$000)	Estima	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
Гexas																								
FORMER	LY USED DEFENSE SIT	ES - P	YOTE AAF A-G GU	JNNER	Y RAN	GE / T	X69799I	F653900																
<u> </u>	IRP Sites and MRSs by O	Classific	ation		Study	0	0	0	1	0	0			\$0	\$155	\$	\$(	O	\$0 \$0	\$	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$	\$(	D .	\$0 \$0	\$	\$0	FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$	\$(	D	\$0 \$0	\$	\$0	FY15	\$0	
Лedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$	\$(	O	\$0 \$0	\$	\$0	FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$	\$(	O	\$0 \$0	\$	\$0	FY11-Comp	. IRP	
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$	\$(	O	\$0 \$0	\$	\$0	FY11-Comp	. MMRP	\$19
lot Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY -	1	MRS Fina	l RC: FY	2094		Total	\$0	\$155	\$	\$(	D	\$0 \$0	\$	\$0	FY11-Comp	lete	\$19
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY IRP Progress Plant	ned No IRP sites identified.										MMRF	Progres	Progress in FY10:											
for FY11-FY												for FY	711-FY12:											
FORMER	LY USED DEFENSE SIT	ES - P	YOTE AAF GROU	ND GU	NNERY	RANG	SE / TX		54000															
	IRP Sites and MRSs by C	Classific	ation		Study	0	0	0	1	0	0			\$0	\$170	\$	\$170	)	\$0 \$36	\$	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0				\$0 \$0			FY14	\$0	
Iigh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0				\$0 \$0			FY15	\$0	
/ledium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0				\$0 \$0			FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0				\$0 \$0			FY11-Comp		
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	<b>†</b>			\$0 \$0		_	FY11-Comp		\$12
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY -	]	MRS Fina	l RC: FY	2113		Total	\$0	\$170	\$	\$170	)	\$0 \$30	\$	\$0	FY11-Comp	lete	\$12
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
in FY IRP Progress Plant	ned No IRP sites identified.										MMRF		Progress in FY10: s Planned			takeholders	conduct fiel	d work, an	d finalize SI re	oort				
for FY11-FY	112:											for FY	711-FY12:											
FORMER	LY USED DEFENSE SIT	ES - R	ED RIVER ARS RI	F RAN	GE/TX	(697991	F653300																	
	IRP Sites and MRSs by (	Classific	ation		Study	0	0	0	1	0	0			\$0	\$178	\$	\$(	0	\$0 \$0	\$	\$0	FY13	\$0	
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$	\$(	O	\$0 \$0	\$	\$0	FY14	\$0	
ligh	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0				\$0 \$0			FY15	\$0	
fedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0				\$0 \$0			FY16	\$0	
ow	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$	\$(	0	\$0 \$0	\$		FY11-Comp		
lot Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$			\$0 \$0			FY11-Comp		\$1
ot Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY -	]	MRS Fina	l RC: FY	2081		Total	\$0	\$178	\$	\$(	D	\$0 \$0	\$	\$0	FY11-Comp	lete	\$1
otal IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progr in FY	ress No IRP sites identified.  10:											MMRI	Progress in FY10:	No progress	reported.									
IRP Progress Plant for FY11-FY	ned No IRP sites identified.										MMRF	Progres for FY	s Planned '11-FY12:	No actions p	lanned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-6 Sta	tus of Installati	ons w	ith FY11 to Cor	mple	tion C	Cost E	stima	ite Gi	eater	Than	\$10,0	000,00	00							Defer	nse Envi	ronmental Re	storation	Program
DoD Con	nponent - Installa	ion / I	FFID / NPL or Pr	onos	ed NPI	. / <b>R</b> R	PAC V	ear / I	RAR/	СТС Г	elta f	rom F	V09*											
Dob Con	nponent - Instana	1011 / 1	TID/ NI E OI II	opos			pleted		erway	Fut				Costs T	hrough	FY10	Funds	FV11 F	xecution	FV12 F	Planning	1		
					Phase				MMRP			. T	act**	FY10			ed (\$000)		d (\$000)		te (\$000)	Estimat	ted Costs	(\$000)
					Thase	IKI		Sites (A		IKI	VIIVIKI		MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Utah												IIII	MINIKI	IIII	WIWIKI	III	WINIKI	III	MINIKI	1141	WHITE	riscar rear	IKI	MINIKI
	ESERET CHEMICAI	DEDO	T / ITT021202026500 /	DDAG	2005.0	Jaguma	/ <b>D</b> A <b>D</b> /	C TEC	11															
ARWII - D	IRP Sites and MRSs			DKA	Study	29	KAD /	4	5	0	0	TECH		\$17,546	\$1,106	\$579	\$783	\$2,871	\$2,908	\$0	\$4,732	FY13	\$3,922	\$27,401
Bosnones Complete			1		IRA	0(0)	0(0)	0(0)	0(0)	-		ilen		\$354	\$28	\$0	\$28		-	\$0	\$9,590		\$0,722	\$15,650
Response Complete High	21 Response Comple 2 MRSPP-1	ete	0 MRSPP-7	1 0	Design	0(0)	0(0)	0(0)	0(0)	0	0	CONT		\$901	\$28 \$0	\$0			-	\$164	\$9,390		\$0 \$0	\$15,650
Medium	2 MRSPP-1 2 MRSPP-2		0 MRSPP-8	0	RA-C	0	0	0	0	0	0	CONT		\$2,314	\$0	\$0	\$0			\$3,149	\$1,454		\$0 \$0	\$27,200
Low	1 MRSPP-3		4 Evaluation Pending	0	RA-O	0	0	0	0	0	0	CONT		\$189	\$0	\$189	\$0	_	_	\$3,149				\$10,293
Not Evaluated	7 MRSPP-4		No Known/Suspected	0	_	0	0		0	0	0					\$189				\$0	-	FY11-Comp.		\$10,293
Not Required	0 MRSPP-5		0 No Longer Required	,	LTM			0	10000				77	\$2,467	\$0									\$117,776
Total IRP Sites	33 MRSPP-6		Total MRSs	6	-		FY 201 ew Planne	14 ed for Futi	MRS Fina	al RC: F	2016		Total	\$23,771	\$1,134	\$768	\$811	\$2,977	\$13,404	\$3,313	\$10,359	FY11-Comple	ete	\$120,071
	ress Refer to Page F-46.		101111111111111111111111111111111111111									MMRF	Progress	Refer to Pa	ge F-46									
in FY	10:												in FY10:	recer to ru	501 10.									
IRP Progress Plant for FY11-FY	ned Refer to Page F-46.										MMRI	P Progres for FY	s Planned 11-FY12:	Refer to Pa	ge F-46.									
ARMY - D	UGWAY PROVING	GROUN	D / UT821412028300 /	/ RAB	/ C-TEC	Н																		
_	IRP Sites and MRSs	by Classif	ication		Study	205	0	1	1	0	0	REG		\$60,648	\$258	\$0	\$71	\$214	\$2,207	\$0	\$2,242	FY13	\$1,644	\$102
Response Complete	202 Response Compl	ete	0		IRA	78(93)	0(0)	0(0)	0(0)			TECH		\$18,941	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$1,013	\$53
High	0 MRSPP-1		0 MRSPP-7	0	Design	52	0	1	0	0	1	REG		\$16,072	\$0	\$0	\$0	\$162	\$0	\$0	\$0	FY15	\$1,311	\$1,045
Medium	2 MRSPP-2		0 MRSPP-8	0	RA-C	52	0	3	0	0	1	REG		\$57,812	\$0	\$0	\$0	\$60	\$0	\$1,627	\$0	FY16	\$913	\$15,842
Low	1 MRSPP-3		0 Evaluation Pending	1	RA-O	2	0	1	0	0	0			\$1,438	\$0	\$692	\$0	\$670	\$0	\$389	\$0	FY11-Comp.	IRP	\$30,90
Not Evaluated	0 MRSPP-4		0 No Known/Suspected	0	LTM	3	0	31	0	4	1			\$8,729	\$0	\$163	\$0	\$857	\$0	\$877	\$0	FY11-Comp.	MMRP	\$40,95
Not Required	1 MRSPP-5		0 No Longer Required	0	IRP F	inal RC:	FY 201	18	MRS Fina	al RC: F	Y 2017		Total	\$163,640	\$258	\$855	\$71	\$1,963	\$2,207	\$2,893	\$2,242	FY11-Comple	ete	\$71,85
Total IRP Sites	206 MRSPP-6		0 Total MRSs	1	Five-Y	ear Revi	ew Planne	ed for Fut	ure															
IRP Progr	ress All fieldwork for performan	e-based cor	ntracts (PBCs) I and II has been of	completed	with the ex	ception of	DPG-009. I	DPG is awai	ting UDEQ	approval		MMRF	Progress	A site inspe	ection (SI) wa	as initiated in	FY08 and i	s in progress	with fieldwor	k occuring the	his FY.			
in FY	<ol> <li>for final closure documents monitoring continues under</li> </ol>	or some site the approve	es in the PBCs. Sites under the R d approach.	FI contrac	t DPG-004,	-035, -114	remedies a	re in place.	Groundwate	er (GW)			in FY10:											
IDD Duo among Dlom				1 20							MMDI	D Ducaman	Dlanuad								n			. (EQ) :
for FY11-FY	ned Design and remediation wor 112:	k is expected	to conclude on DPG-011, -192	, and -204	within the	iext two ye	ars.				MINIM	for FY	11-FY12:	anticipated	to start in FY	'11.	ine basis of t	ne SI resuits	pending comp	netion in F Y	10. Remedia	al investigation/feasib	iiity study (Ki	/FS) IS
ARMY - J	FHQ UT ARNG / UT8	2118490	NG00																					
,	IRP Sites and MRSs	by Classif	ication		Study	0	0	0	21	0	0			\$0	\$734	\$0	\$734	\$0	\$1,405	\$0	\$0	FY13	\$0	\$6,84
Response Complete	0 Response Compl	ete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1		0 MRSPP-7	0	Design	0	0	0	0	0	9			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2		0 MRSPP-8	0	RA-C	0	0	0	0	0	9			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$94
Low	0 MRSPP-3		0 Evaluation Pending	21	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	IRP	\$(
Not Evaluated	0 MRSPP-4		0 No Known/Suspected	0	LTM	0	0	0	0	0	3			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	MMRP	\$15,84
Not Required	0 MRSPP-5		0 No Longer Required	0	IRP F	inal RC:	FY -		MRS Fina	al RC: F	Y 2019		Total	\$0	\$734	\$0	\$734	\$0	\$1,405	\$0	\$0	FY11-Comple	ete	\$15,84
Total IRP Sites	0 MRSPP-6		0 Total MRSs	21																				
	ress No IRP sites identified.											MMRF	Progress	An SI was	awarded and	initiated in F	Y10.							
in FY	10:												in FY10:											
1																								

IRP Progress Planned No IRP sites identified. for FY11-FY12:

MMRP Progress Planned The SI is expected to be completed in FY12.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

14010 2 0 0 1440	us of Histaliations			p.							Ψ=0,	000,00										Official Resi		
DoD Comp	onent - Installation	n / Fl	FID / NPL or Pr	ropos	ed NPI	L/BR	AC Y	ear / 1	RAB/	CTC I	elta f	rom F	Y09*											
						Com	pleted	Und	lerway	Fut	ure		Schedule		hrough	FY10					Planning	E-44-	1 C4-	(\$000)
					Phase	IRP	MMRP	IRP	MMRI	P IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estimate	a Costs	(\$000)
								Sites (A	(Actions			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Utah																								
	A-L CAMP WILLIAMS	S WES	ST FED / HT821184	9 4 6000	)																			
Mayr in				7110000	Study	0	3	0	6	0	0			\$0	\$4,016	\$0	\$570	\$0	\$647	\$0	\$26	FY13	\$0	\$15
Response Complete	IRP Sites and MRSs by C	Jassine	ation		IRA	0(0)	0(0)	0(0)	0(0)	0	0			\$0	\$0	\$0		\$0		\$0		FY14	\$0	\$14,05
High	0 MRSPP-1	0	MRSPP-7	Ι ο	Design	0(0)	0	0(0)	0(0)	0	3	-		\$0	\$0	\$0	_	\$0		\$0		FY15	\$0	\$14,05
Medium	0 MRSPP-2		MRSPP-8	0	RA-C	0	0	0	0	0	3			\$0	\$0	\$0		\$0		\$0		FY16	\$0	<u> </u>
Low	0 MRSPP-3	2	Evaluation Pending	2	RA-O	0	0	0	0	0	0			\$0	\$0	\$0						FY11-Comp. I		<u> </u>
Not Evaluated	0 MRSPP-4		No Known/Suspected	0	LTM	0	0	0	0	0	0			\$0	\$0	\$0		\$0			_	FY11-Comp. I		\$14,89
Not Required	0 MRSPP-5	1	No Longer Required	3		inal RC:			-	nal RC: F			Total	\$0	\$4.016	\$0	_	\$0		\$0		FY11-Complet		\$14,89
Total IRP Sites	0 MRSPP-6	0	Total MRSs	9	IKFF	mai KC:	rı -		MIKS FII	iai KC: F	1 2010		Total	<b>90</b>	\$4,010	φ0	\$370	90	\$0 <del>4</del> 7	φ0	\$30	T I I I - Complet	ic	Ψ14,02
	No IRP sites identified.	-	Total MIKSS									MMDI	P Progress	Continuit	11.1.1.1		D 41 141 6	- WILL 1 000	2 002 004	1 007				
in FY10												MIMIKI	in FY10:	Continued r	emedial inve	estigation (R.	) activities to	or WILLI-00.	2, -003, -004	and -00/.				
IRP Progress Planned											MMRI	P Progres	s Planned	Once the RI	s is complet	e, the feasibi	lity study (FS	s) will begin.	The RI/FS fo	or WILLI-00	08-R-01 and W	ILLI-009-R-01 will be	egin.	
for FY11-FY12	:											for FY	711-FY12:											
A																								
ARMY - TO	OELE ARMY DEPOT /	UT82	21382089400 / NPL /	BRAC	1993 / 1		TECH	1 / C-ES																
	IRP Sites and MRSs by C	Classific	ation		Study	63	1	1	7	0	0			\$46,653	\$2,974	\$0	\$4	\$233	\$0	\$0		FY13	\$3,736	\$16
Response Complete	62 Response Complete	1			IRA	0(0)	0(0)	0(0)	0(0)					\$978	\$0	\$0	_	\$2,000	\$0	\$904		FY14	\$2,831	\$10,720
High	1 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	0			\$7,774	\$0	\$0	_	\$0	\$100	\$0		FY15	\$5,506	\$(
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	0			\$38,766	\$0	\$0	\$0	\$0	\$0	\$1,994	\$1,875	FY16	\$1,389	\$
Low	0 MRSPP-3	1	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$30,861	\$0	\$3,967	\$0	\$2,896	\$0	\$1,423		FY11-Comp. I		\$24,68
Not Evaluated	0 MRSPP-4	1	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$2,197	\$0	\$48	\$0	\$48	\$0	\$176		FY11-Comp. N	-	\$14,06
Not Required	1 MRSPP-5	2	No Longer Required	1	IRP F	inal RC:	FY 201	7	MRS Fir	nal RC: F	Y 2016		Total	\$127,229	\$2,974	\$4,015	\$4	\$5,177	\$100	\$4,497	\$2,079	FY11-Complet	te	\$38,75
Total IRP Sites	64 MRSPP-6	2	Total MRSs	8	Five-Y	ear Revie	ew Compl	leted and	Planned f	for Future														
IRP Progres	S Refer to Page F-176.											MMRI	Progress		ge F-176.									
in FY10	:												in FY10:											
IRP Progress Planned	4 p.c. , p p.176										MMDI	D Drogros	ss Planned	D.C. t. D.	F 176									
for FY11-FY12											IVIIVII		711-FY12:		ge r=1/0.									
AIR FORCE	- HILL AIR FORCE B	ASE /	UT857172435000 / I	NPL / I	BRAC 20	005 Rea	lignmer	nt / RA	B / C-TI	ECH / C-	REG /	C-EST												
<u> </u>	IRP Sites and MRSs by C	lassific	ation		Study	205	6	7	16	13	0			\$129,344	\$6,019	\$318	\$1,011	\$0	\$0	\$0	\$0	FY13	\$17,302	\$3,049
Response Complete	186 Response Complete	1			IRA	37(94)	0(0)	10(15)	2(2)					\$81,742	\$6,813	\$1,771	\$0	\$1,937	\$0			FY14	\$15,970	\$9,190
High	0 MRSPP-1	0	MRSPP-7	0	Design	22	0	0	0	11	1			\$17,556	\$0	\$0	_	\$229	\$0	_		FY15	\$15,016	\$6,96
Medium	4 MRSPP-2	0	MRSPP-8	0	RA-C	33	0	2	0	11	12			\$43,275	\$0	\$0	_	\$11,844	\$0	\$6,931		FY16	\$14,872	\$74
Low	9 MRSPP-3		Evaluation Pending	21		23	0	12	0	10	0			\$55,821	\$0	\$11,873	\$0	\$3,949	\$0	\$12,492		FY11-Comp. I	. ,	\$374,01
Not Evaluated	13 MRSPP-4	0	No Known/Suspected	0	LTM	17	0	8	0	33	1			\$10,194	\$0	\$180	\$0	\$225	\$0	\$533		FY11-Comp. N		\$29,25
Not Required	13 MRSPP-5	0	No Longer Required	1			FY 204	11	MRS Fir	nal RC: F	V 2016		Total	\$337,932	\$12,832	\$14,142	\$1,011	\$18,184	\$0	\$23,016		FY11-Complet		\$403,26
Total IRP Sites	225 MRSPP-6	0	Total MRSs	22	-				Planned f		_ 2010				, -2,002		72,021	0,204	J0	, 20,010	<b>42,000</b>	- 111 complet		,0
												MMDI	P Progress	Dafar t	F 9/									
in FY10	S Refer to Page F-86.											MINIKI	in FY10:		ge r-86.									
IRP Progress Planned											MMRI		ss Planned		ge F-86.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	/FI	FID / NPL or Pr	opose	ed NPI	/ BR	AC Y	ear / I	RAB / G	CTC I	Delta f	rom F	Y09*											
						Com	pleted	Und	erway	Fu	ture		Schedule						Execution				ted Costs	(0002)
					Phase	IRP	MMRP		MMRP	IRP	MMRP	Imj	act**	FY10	(\$000)	Obligate	ea (\$000)	Planne	ed (\$000)	Estima	te (\$000)	Estilla	iteu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Utah																								
FORMERLY	Y USED DEFENSE SITE	S - F	ORT DOUGLAS / U	T8979	9FA291	00																		
,	IRP Sites and MRSs by C	lassific	ation		Study	0	0	0	1	0	0			\$0	\$1,028	\$0	\$13	\$0	\$0	\$0	\$0	FY13	\$0	\$503
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$0
Low	o MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp.	. MMRP	\$18,254
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY -		MRS Fina	al RC: F	Y 2077		Total	\$0	\$1,028	\$0	\$13	\$0	\$0	\$0	\$0	FY11-Compl	lete	\$18,254
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progres in FY10	No IRP sites identified. :											MMR	Progress in FY10:	MMRP SI	was complet	ed in FY10.								
IRP Progress Planned for FY11-FY12											MMRI	P Progre	s Planned 711-FY12:	Future work	k for this sit	e will be deve	loped pendin	g the seque	ncing of all M	MRP sites w	rithin the natio	on and within the sta	ate of Utah.	

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedu

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Compo	onent - Installation	/FI	FID / NPL or P	ropose	ed NPI	L / BR	AC Y	ear / I	RAB / G	CTC I	)elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure		Schedule		hrough						Planning	E-4:	ted Costs	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planne	d (\$000)	Estima	te (\$000)	Esuma	iteu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Vermont																								
AIR FORCE	- BURLINGTON INTE	RNA'	TIONAL AIRPORT	Γ / VT1:	5728242	9400 / 0	C-TECH	I																
	IRP Sites and MRSs by Cl	assific	ation		Study	5	0	0	0	2	0			\$6,315	\$0	\$0	\$0	\$0	\$0	\$118	\$0	FY13	\$0	\$0
Response Complete	0 Response Complete	0			IRA	1(1)	0(0)	0(0)	0(0)					\$9,407	\$0	\$840	\$0	\$0	\$0	\$0	\$0	FY14	\$1,624	\$0
High	1 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	5	0			\$350	\$0	\$0	\$0	\$10,096	\$0	\$0	\$0	FY15	\$1,212	\$0
Medium	4 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	5	0			\$323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$1,232	\$0
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	5	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$23,702
Not Evaluated	2 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	5	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$0
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 202	21	MRS Fina	al RC: F	Υ -		Total	\$16,395	\$0	\$840	\$0	\$10,096	\$0	\$118	\$0	FY11-Comp	lete	\$23,702
Total IRP Sites	7 MRSPP-6	0	Total MRSs	0																				
IRP Progress in FY10:	RI/FS completed. Received concur	rrence fi	rom VT DEC on Proposed Pl	an.								MMR	Progress in FY10:	No MMRP	sites identif	īed.								
IRP Progress Planned for FY11-FY12:	Complete ROD. Award Remedial	Design/	Remedial Action Construction	on contract.							MMRI		s Planned 11-FY12:		sites identif	īed.								

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

	onent - Installation	.,	ID / TVI L OF TTO	Pose	11111								chedule	Coete Tl	rough	FY10 F	unde	FV11 Fx	xecution	FV12 F	Planning			
					Phase		pleted MMRP		erway MMRP	Fut IRP		Imp		FY10 (		Obligated			l (\$000)			Estima	ted Costs	s ( <b>\$000</b> )
					liase	IKI		Sites (A		IKI	MIMIKI	IRP	MMRP	IRP 1	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Virginia																								
	T BELVOIR / VA3210	22008	200 / C-FST																					
ARIM - FOR	IRP Sites and MRSs by C				Study	58	24	28	11	0	0	FUND		\$4,426	\$5,279	\$2,213	\$154	\$2,845	\$3,502	\$456	\$0	FY13	\$5,322	\$29,95
Response Complete	50 Response Complete	24	l		IRA	6(7)	0(0)	0(0)	2(2)	l -	0	FUND		\$524	\$7,221	\$0	\$0	\$139	\$0	\$0		FY14	\$5,211	\$2,35
High	0 MRSPP-1	0	MRSPP-7	0	Design	3	0	0	1	1	5	FUND		\$145	\$0	\$0	\$0	\$2,188	\$0	\$0		FY15	\$5,647	\$1,97
Medium	1 MRSPP-2	0	MRSPP-8	0	RA-C	11	1	1	2	19	5	FUND		\$3,098	\$2,094	\$0	\$0	\$26,523	\$0	\$8,924		FY16	\$6,020	
Low	1 MRSPP-3	1	Evaluation Pending	2	RA-O	4	0	6	1	21	0			\$6,799	\$37	\$4,078	\$0	\$554	\$1,238	\$4,737		FY11-Comp		\$191,04
Not Evaluated	28 MRSPP-4	2	No Known/Suspected	0	LTM	2	0	1	1	4	5			\$200	\$1,117	\$141	\$1,117	\$0	\$0	\$179		FY11-Comp		\$40,0
Not Required	6 MRSPP-5	3	No Longer Required	24			FY 2042	,	MPS Fine	al RC: F			Total	\$15,192	\$15,748	\$6,432	\$1,271	\$32,249	\$4,740	\$14,296		FY11-Comp		\$231,09
Total IRP Sites	86 MRSPP-6	3	Total MRSs	35			w Planne			arke. F	1 2013		10441	410,132	420,710	40,102	<b>41,271</b>	402,217	<b>\$1,710</b>	41,200	\$1,000	1 111 Comp	icte	1-0-5,00
in FY10:	Operation and maintenance of a d Long-term management (LTM) for	r natural	attenuation at FTBL-68, and FTI	BL-69 ar	e on hold d	ue to BRA	C construct	ion activiti				MMRP	Progress in FY10:	Fort Belvoir completed w	awarded a s	econd muniti MR Belvoir [	ons response	(MR) PBA	in 2010 for ra ion (IR) sites	nges on Ma remain ope	in Post for rer n under this P	nedial investigation BA].	ı (RI)/FS. MR	t work on BNA
	(PSA-2009 and FTBL-66) are und	lergoing r	isk assessment process. FTBL-6	9 is unde	ergoing re-e	valuation (	of current re	medy.						•						•				
IRP Progress Planned	The vapor portion of the FTBL-51	DPE sys	stem will continue to treat petrole	eum imp	acted vapor	s. LTM fo	r natural atte	enuation at	FTBL-68 is	expected	MMRP	Progress	s Planned	The RI/FS w	rill continue	on Main Post	work. Som	e IR work un	nder Main Pos	t PBA will	begin.			
for FY11-FY12:	to recommence. Fort Belvoir exp continue to work towards RIP/RC	ects to pe	rform a feasibility study (FS) and site under the above mentioned r	d select a performa	remedy at nce-based a	FTBL-69. cauisition	Site work t (PBA) was	inder PBA identified.	@MR Belve Investigation	oir will on and		for FY	11-FY12:											
	notantial ramadial work will conti	nuo	P				()																	
ARMY - FOR	T EUSTIS / VA321372	032100	O / NPL / C-EST																					
	IRP Sites and MRSs by C	lassific	ation		Study	26	9	5	8	0	0			\$14,979	\$796	\$277	\$42	\$0	\$0	\$0	\$0	FY13	\$6,220	\$
Response Complete	23 Response Complete	8			IRA	5(6)	0(0)	0(0)	0(0)					\$3,255	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$268	s
High	4 MRSPP-1	0	MRSPP-7	1	Design	9	0	3	2	1	7			\$1,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$477	\$
Medium	2 MRSPP-2	0	MRSPP-8	0	RA-C	7	0	5	2	1	7			\$29,487	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	S
Low	2 MRSPP-3	0	Evaluation Pending	2	RA-O	1	0	4	2	0	0			\$5,016	\$1,192	\$4,848	\$1,192	\$4,777	\$0	\$2,200	\$0	FY11-Comp	. IRP	\$13,94
Not Evaluated	0 MRSPP-4	2	No Known/Suspected	0	LTM	5	0	3	0	1	4			\$3,706	\$0	\$15	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
Not Required	0 MRSPP-5	2	No Longer Required	8	IRP Fi	nal RC:	FY 201	7	MRS Fina	al RC: F	Y 2016		Total	\$58,189	\$1,988	\$5,140	\$1,234	\$4,777	\$0	\$2,200	\$0	FY11-Comp	lete	\$13,94
Total IRP Sites	31 MRSPP-6	2	Total MRSs	17	Five-Ye	ear Revie	w Comple	eted and	Planned fo	or Future														•
IRP Progress in FY10:	Refer to Page F-63.											MMRP	Progress in FY10:	Refer to Pag	e F-63.									
IRP Progress Planned for FY11-FY12:	Refer to Page F-63.										MMRP		s Planned 11-FY12:	Refer to Pag	e F-63.									
ARMY - FOR	T LEE / VA321372050	200 / C	C-EST								<u> </u>													
<b>Y</b>	IRP Sites and MRSs by C	lassific	ation		Study	34	2	0	3	0	0			\$10,043	\$1,146	\$0	\$420	\$0	\$1,037	\$0	\$0	FY13	\$422	\$21
Response Complete	34 Response Complete	2.	-		IRA	3(4)	0(0)	0(0)	0(0)					\$1,250	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$275	
	0 MRSPP-1	0	MRSPP-7	1	Design	9	0	0	0	0	3			\$1,502	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$365	\$2
High	0 MRSPP-2	0	MRSPP-8	0	RA-C	13	0	0	0	0	3			\$13,350	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$119	
-	0 MRSPP-3	0	Evaluation Pending	0	RA-O	3	0	0	0	0	0			\$71	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$1,84
Medium		0	No Known/Suspected	0	LTM	1	0	11	0	1	2			\$1,700	\$0	\$352	\$0	\$359	\$0	\$305		FY11-Comp		\$8,49
Medium Low	0 MRSPP-4						-		MRS Fina	al DC: EV	7 2015		Total	\$27,916	\$1,146	\$352	\$420	\$359	\$1,037	\$305		FY11-Comp		\$10.33
Medium Low Not Evaluated	0 MRSPP-4 0 MRSPP-5	1	No Longer Required	2	IRP Fi	nal RC•	FY ZOO															T I III-COHIII	lete	
Medium Low Not Evaluated Not Required	0 MRSPP-5	1	υ 1	2	IRP Fi					ai KC. F	1 2015		Total	. / .			-		72,001		φΠο	r 111-Comp	lete	7-0,00
Not Evaluated Not Required Total IRP Sites	0 MRSPP-5 34 MRSPP-6	1	No Longer Required  Total MRSs	5			w Planne			ai KC. F	1 2015	Man										•		, ,,,,,,,,,
Medium  Low  Not Evaluated  Not Required  Total IRP Sites	0 MRSPP-5	1	υ 1	5						ai KC. F	2015	MMRP		The RI Worl	kplans at FT 010.	LE-002-R-01	and FTLE-	005-R-01 hav				v by the VDEQ. Th		

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Table E-0 Sta	tus of mistanation	s with F 1 11 to Col	inpiet	ion C	ost E	Suma	ite Gi	eater	Hilaii	φ10,	000,00	<del></del>							DCIC	iise Elivii	ionnicitai K	estoration	TTOGTAIII
DoD Com	ponent - Installation	n / FFID / NPL or Pr	ropose	d NPI	/ BR	AC Y	ear / ]	RAB /	CTC D	elta f	rom F	Y09*	7										
	•				Com	pleted	Und	erway	Fut	ure	FY10 S	Schedule	Costs Thr	ough	FY10	Funds	FY11 Ex	xecution	FY12	Planning			
				Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10 (\$6	000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	ate (\$000)	Estima	ated Costs	(\$000)
							Sites (A	ctions)			IRP	MMRP	IRP M	MRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Virginia																							1
	ORT MONROE / VA3213	372060300 / BRAC 2005 C	losure /	RAB																			
					8	0	9	16	0	0	CONT	REG	\$5,384	\$1.533	\$0	\$334	\$254	\$0	S	0 \$0	FV13	\$656	\$10.52
Response Complete		0		-			0(0)			-		1	\$0	\$0								\$0	-
	1 MRSPP-1	0 MRSPP-7	0	Design	0	0	0	0	0	0			\$122	\$0	\$122	\$0	\$279	\$450				\$0	
Medium	1 MRSPP-2	0 MRSPP-8	1	RA-C	0	0	0	0	0	0			\$18	\$0	\$0	\$0	\$3,129	\$0	\$5,06			\$0	
Low	9 MRSPP-3	1 Evaluation Pending	1			0	0	0	0	0					\$0							. IRP	\$9,69
Not Evaluated	0 MRSPP-4	Ŭ	0		0		0	0	0	0							_		_		_		-
Not Required	0 MRSPP-5		0				3	MRS Fins	al RC+ FV			Total											
	17 MRSPP-6		16	110111	nai RC.	11 201		THE TIME	ar Re. 1	2010			,,,,,,	72,222		7221	72,000	7.00	7-7-1	71,000	TTT COM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , ,
	PSS Refer to Page F-70										MMRI	P Progress	Refer to Page I	F-70									
											.,	in FY10:	Kelei to i age i	1-70.									
Dod Component - Installation   FFID   NPL or Proposed NPL   BRAC Year   RAB   CTC Delta from FY09*																							
101 F111-F11	12.										101 1 1	111-1112.											
ARMY - RA	ADFORD ARMY AMMU	JNITION PLANT / VA321	13820730	000 / R	AB / C-	ГЕСН				·													
							9	1	0	0	REG		\$21,760	\$174	\$15	\$30	\$687	\$0	\$	0 \$0	FY13	\$760	\$7
Response Complete		0		IRA	1(1)	0(0)	0(0)	0(0)					\$2,130	\$0	\$0	\$0	\$0	\$0	S			\$771	\$7.
		0 MRSPP-7	1			0	5	1	0	0	REG		\$503	\$0	\$0	\$0	\$82	\$0	\$			\$785	
	0 MRSPP-2	0 MRSPP-8	0	RA-C	5	0	5	1	0	0	REG		\$22,774	\$266	\$0	\$0	\$0	\$0	\$4,02			\$735	\$7
Low	4 MRSPP-3	0 Evaluation Pending	0	RA-O	0	0	1	0	0	0			\$1,209	\$375	\$1,209	\$375	\$0	\$0	\$	0 \$0	FY11-Comp	. IRP	\$12,95
Not Evaluated	2 MRSPP-4	0 No Known/Suspected	0	LTM	1	0	3	0	7	1			\$4,814	\$0	\$502	\$0	\$738	\$73	\$73		_		\$71
Not Required	0 MRSPP-5	0 No Longer Required	0	IRP Fi	nal RC:	FY 202	0	MRS Fina	al RC: FY	7 2011		Total	\$53,190	\$815	\$1,726	\$405	\$1,507	\$73	\$4,75	7 \$70	FY11-Comp	olete	\$13,66
Total IRP Sites	49 MRSPP-6	0 Total MRSs	1																				
IRP Progre	ess An interim measure (IM) effort w	as completed at SWMUs 51 and 39, an	nd former lea	ad furnace	area (FLFA	). An engin	eering eva	luation/cost	analysis		MMRI	P Progress	No progress re	ported.									
	(EE/CA) removal action was con	pleted at NRU northern burning ground	d (NBG). RI	FI reports f	or no furthe	er action (N	FA) were	approved for				in FY10:											
	corrective action plan (CAD) was	anneand SWMII 45 site correspondence new	mann (CCD)	roport was	annrawad i	Cor NIE A																	
Propose   Complete   Propose   Complete   Propose   Complete   Propose																							
101 1 111-1 11								-			101 1 1	11-1 112.											
NAVY - DA	AHLGREN NSWC / VA3:	17002468500 / NPL / RAB																					
_	IRP Sites and MRSs by C	Classification		Study	65	0	4	0	1	0	FUND		\$17,648	\$0	\$139	\$0	\$0	\$0	\$28	2 \$0	FY13	\$710	\$
Response Complete		0		-		0(0)	2(2)	0(0)			CONT					\$0	\$850	\$0					
		0 MRSPP-7	0						0	0													
			0	-			_	0			TECH												
			0		0	0	2	0	0	0			\$1,508	\$0	\$0	\$0	\$950	\$0	\$7			. IRP	
		<u> </u>	0					0	2	_								-	_		_		
			0		nal RC:			MRS Fins	al RC: FV			Total	,					-					
	70 MRSPP-6		0									1											
IRP Progre	ess Refer to Page F-133			·			-				MMRI	P Progress	No MMRP site	es identifie	d.								
										MMRI			No MMRP site	es identified	d.								
10f F 111-F 11	14.										101 1	11-F Y 12:											

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	/ FFID / NPL or Pro	posed l	NPL	/ BR	AC Y	ear / R	RAB/	CTC D	elta f											1		
					Comp		Unde		Fut		1	Schedule act**	Costs Th FY10 (S		FY10 l Obligate		FY11 Ex Planned	xecution		Planning te (\$000)	Estima	ted Costs	(\$000)
			Ph	ase	IRP I				IRP 1	MMRP			``		-			. ,					
							Sites (A	ctions)			IRP	MMRP	IRP N	MRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRI
<u>Vi</u> rginia																							
NAVY - LITT	LE CREEK NAB / VA	317002248200 / NPL / RAB	/ C-TEC	H																			
•	IRP Sites and MRSs by C	lassification	Stu	udy	48	2	2	0	0	1			\$17,669	\$409	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$752	
Response Complete	29 Response Complete	0	II	RA	5(5)	0(0)	0(0)	0(0)					\$2,236	\$0	\$0	\$0	\$2,284	\$0	\$0	\$0	FY14	\$713	
High	3 MRSPP-1	0 MRSPP-7	0 <b>De</b> :	sign	10	0	0	0	0	1			\$1,915	\$0	\$283	\$0	\$0	\$0	\$0	\$0	FY15	\$861	
Medium	1 MRSPP-2	0 MRSPP-8	0 RA	A-C	11	0	2	0	0	1			\$11,907	\$0	\$0	\$0	\$891	\$0	\$0		FY16	\$1,003	
Low	0 MRSPP-3	0 Evaluation Pending	2 RA	A-O	15	0	5	0	4	0			\$3,628	\$0	\$488	\$0	\$555	\$0	\$650		FY11-Comp		\$21,
Not Evaluated	0 MRSPP-4	1 No Known/Suspected	0 L7	TM	1	0	3	0	0	0			\$2,028	\$0	\$36	\$0	\$53	\$0	\$54	\$0	FY11-Comp	. MMRP	\$250
Not Required	17 MRSPP-5	0 No Longer Required	0 11	RP Fin	al RC:	FY 2051	1 I	MRS Fina	al RC: FY	Y 2030		Total	\$39,383	\$409	\$807	\$0	\$3,783	\$0	\$704	\$0	FY11-Comp	lete	\$271,
Total IRP Sites	50 MRSPP-6	0 Total MRSs	3 Fi	ive-Yea	ır Reviev	v Comple	eted and I	Planned fo	or Future														
IRP Progress in FY10: IRP Progress Planned	Refer to Page F-94.									ммы		Progress in FY10:	č										
for FY11-FY12:		7 / 1/1 21 20 20 11 10 2   17 17 1	/D.1.D.							MMKI		711-FY12:	Refer to Page	: F-94.									
NAVY - NOR		E / VA317002741400 / NPL		-							_												
	IRP Sites and MRSs by C	lassification		udy	63	0	0	0	0	0			\$16,384	\$0	\$0	\$0	\$0	\$0	\$0		FY13	\$1,153	
Response Complete	47 Response Complete	0		_	19(20)	0(0)	0(0)	0(0)					\$7,089	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$1,174	
High	0 MRSPP-1	0 MRSPP-7		sign	11	0	0	0	0	0			\$2,134	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$1,194	
Medium	0 MRSPP-2	0 MRSPP-8		A-C	20	0	0	0	0	0			\$60,750	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$1,214	***
Low	0 MRSPP-3 0 MRSPP-4	0 Evaluation Pending		A-O	8	0	10	0	0	0			\$19,519	\$0	\$1,867	\$0	\$1,158	\$0	\$1,020		FY11-Comp		\$25.
Not Evaluated Not Required	16 MRSPP-5	No Known/Suspected     No Longer Required		ГМ	7	0	3	0	5	0			\$1,660	\$0	\$192	\$0	\$64	\$0 \$0	\$115		FY11-Comp		\$25
*	63 MRSPP-6	0 1				FY 2040			al RC: FY	Υ -		Total	\$107,536	\$0	\$2,059	\$0	\$1,222	\$0	\$1,135	\$0	FY11-Comp	lete	\$45,
Total IRP Sites		0 Total MRSs	0 F1	ive-Yea	ır Reviev	v Comple	eted and I	Planned fo	or Future														
IRP Progress in FY10:	Refer to Page F-139.  Refer to Page F-139.									MMRI		Progress in FY10: as Planned											
for FY11-FY12:											for FY	711-FY12:											
NAVY - OCE		160600 / RAB / C-TECH									-										1		
	IRP Sites and MRSs by C	lassification		udy	41	0	0	1	0	0			\$5,675	\$1,780	\$0	\$0	\$0	\$0	\$0		FY13	\$425	\$1
Response Complete	29 Response Complete	0			15(15)	0(0)	0(0)	0(0)					\$1,480	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$353	\$1
High	0 MRSPP-1	0 MRSPP-7		sign	15	0	0	0	0	0			\$298	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$358	\$1
Medium	0 MRSPP-2	0 MRSPP-8		A-C	14	0	0	0	0	1			\$7,555	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$278	\$1
Low	0 MRSPP-3	0 Evaluation Pending		A-O	6	0	11	0	0	0			\$6,567	\$0	\$653	\$0	\$1,011	\$0	\$341	_	FY11-Comp		\$4
Not Evaluated	0 MRSPP-4	0 No Known/Suspected		TM	3	0	0	0	2	0			\$92	\$0	\$0	\$0	\$53	\$0	\$54		FY11-Comp		\$29
Not Required	12 MRSPP-5	0 No Longer Required				FY 2025			al RC: FY	Y 2021		Total	\$21,667	\$1,780	\$653	\$0	\$1,064	\$0	\$395	\$2,046	FY11-Comp	lete	\$33
Total IRP Sites	41 MRSPP-6	0 Total MRSs	1 Fi	ive-Yea	r Reviev	v Planne	d for Futu	re															
IRP Progress in FY10:	A UFP-SAP was completed in Sur area at SWMU 28. The work plan	nmer 2010 to provide for a Membrane In also provides for the annual LTM groun	nterface Probe ndwater sampli	/Direct F	ush Techr	ology inve	estigation of	f a potential	source		MMRI	Progress in FY10:	Field investig sites, side sca	ations were n sonar for	completed t	o support the	e SI of all site Targets), and	es, except AC d soil samplin	OC013 (Diverged for small	e Bombing Ta arms ranges.	rgets). DGM survey	s were comple	eted for MEC

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

for FY11-FY12: Installation of ORC socks are planned for SWMUs 29 & 31 in wells with remaining MCL exceedances.

for FY11-FY12: completed in early FY11. Site Investigation reports for all MRP sites scheduled to be finalized in Dec 2010.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Cor	mpone	nt - Installatio	n / Fl	FID / NPL or Pi	ropose	ed NPI	/ BR	AC Y	ear / l	RAB/	CTC D	elta f	rom F	Y09*											
202 001	пропе	iii iiistaiiatio		12,112,011	орове			pleted		erway	Futi			chedule	Costs Tl	rough	FY10	Funds	FY11 E	xecution	FY12 l	Planning			
						Phase	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	Imp	act**	FY10 (	<b>\$000</b> )	Obligate	d (\$000)	Planne	d (\$000)	Estima	te (\$000)	Estima	ted Costs	(\$000)
									Sites (A	ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Virginia																									
_ ```	UANTI	ICO MCB / VA317	302472	2200 / NPL / C-TEC	Ή																				
		P Sites and MRSs by				Study	100	18	2	11	0	0	FUND	FUND	\$20,409	\$2,513	\$0	\$1,110	\$631	\$700	\$0	\$2,287	FY13	\$760	\$2,69
Response Complete		Response Complete	15			IRA	15(17)	0(0)	1(1)	1(1)			FUND	FUND	\$17,287	\$405	\$0	\$405	\$0	\$0	\$0		FY14	\$2,224	\$4,11
High	3	MRSPP-1	0	MRSPP-7	0	Design	4	0	1	0	0	10	FUND	FUND	\$1,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$2,047	\$1,3
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	3	0	2	0	0	10	FUND	FUND	\$21,682	\$0	\$122	\$0	\$0	\$0	\$0	\$0	FY16	\$4,326	\$2,63
Low	0	MRSPP-3	0	Evaluation Pending	12	RA-O	0	0	1	0	1	0			\$704	\$0	\$278	\$0	\$150	\$0	\$153	\$0	FY11-Comp	IRP	\$22,93
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	3	LTM	2	0	3	0	1	0			\$7,768	\$0	\$740	\$0	\$809	\$0	\$695	\$0	FY11-Comp	MMRP	\$52,5
Not Required	2	MRSPP-5	0	No Longer Required	14	IRP Fi	nal RC:	FY 202	2	MRS Fina	l RC: FY	2031		Total	\$68,908	\$2,918	\$1,140	\$1,515	\$1,590	\$700	\$848	\$2,287	FY11-Comp	lete	\$75,49
Total IRP Sites	102	MRSPP-6	0	Total MRSs	29	Five-Y	ear Revie	w Compl	eted and	Planned fo	r Future														
IRP Prog in FY IRP Progress Plan for FY11-FY	Y10: med Refer	to Page F-111.					MMRI	Progres	in FY10:	Refer to Pag															
NAVY - S'	T JULI	EN'S CREEK AN	NEX /	VA317002758100 / N																					
1	IRI	P Sites and MRSs by	Classific	ation		Study	13	0	2	1	1	0	REG	REG	\$9,762	\$767	\$74	\$29	\$0	\$309	\$0	\$0	FY13	\$427	
Response Complete	11	Response Complete	0			IRA	2(2)	0(0)	2(2)	0(0)			TECH	TECH	\$6,037	\$0	\$2,752	\$0	\$595	\$0	\$0	\$0	FY14	\$967	5
High	3	MRSPP-1	0	MRSPP-7	0	Design	4	0	0	0	0	1			\$1,246	\$0	\$29	\$0	\$0	\$0	\$0	\$243	FY15	\$423	5
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	0	0	1			\$8,356	\$0	\$3,856	\$0	\$2,244	\$0	\$231	\$0	FY16	\$838	S
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	1	0	0	0	3	0			\$65	\$0	\$0	\$0	\$27	\$0	\$366	\$0	FY11-Comp	IRP	\$13,17
Not Evaluated	1	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	1	0	1	0			\$291	\$0	\$38	\$0	\$61	\$0	\$62	\$0	FY11-Comp	MMRP	\$5,62
Not Required	1	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 203	9	MRS Fina	l RC: FY	2018		Total	\$25,757	\$767	\$6,749	\$29	\$2,927	\$309	\$659	\$243	FY11-Comp	lete	\$18,80
Total IRP Sites	16	MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	w Compl	eted and	Planned fo	r Future														
IRP Prog in FY IRP Progress Plan for FY11-FY	Y10: med Refer	to Page F-172.										MMRI	Progres	in FY10:	Refer to Pag Refer to Pag										
NAVY - W				HAM ANNEX / VA	317002			RAB / C									ı								
		P Sites and MRSs by	Classific	ation		Study	13	1	2	0	2	0	FUND	FUND	\$5,809	\$177	\$0	\$0	\$1,006	\$0	\$0		FY13	\$103	5
Response Complete		Response Complete	0			IRA	2(2)	0(0)	1(2)	0(0)			TECH	TECH	\$1,947	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$147	5
High		MRSPP-1	0	MRSPP-7	0	Design	3	0	1	0	1	0			\$78	\$0	\$0	\$0	\$122	\$0	\$0		FY15	\$150	\$
Medium	3	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	2	0	2	0			\$4,119	\$0	\$221	\$0	\$2,430	\$0	\$3,985		FY16	\$3,326	9
Low	2	MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	0	0	1	0	_		\$0	\$0	\$0	\$0	\$0	\$0			FY11-Comp		\$11,48
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	1	LTM	0	0	1	0	3	0			\$74	\$0	\$11	\$0	\$0	\$0			FY11-Comp		011.46
Not Required	9	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 202	5	MRS Fina	l RC: FY	2011		Total	\$12,027	\$177	\$232	\$0	\$3,558	\$0	\$4,026	\$0	FY11-Comp	lete	\$11,48
in FY	ress Refer	MRSPP-6 to Page F-195.		Total MRSs	1							MMD		in FY10:	Refer to Pag										
IRP Progress Plan for FY11-FY		to rage r-195.										WINIKI		11-FY12:	Refer to Pag	e r-195.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

	tus of Histaliation																							
DoD Com	ponent - Installation	n / Fl	FID / NPL or Pr	opose	d NPI							_						I		T				
							pleted		lerway	Fut			Schedule act**	Costs T FY10 (	hrough	FY10	Funds d (\$000)				Planning te (\$000)	Estima	ted Costs	(\$000)
					Phase	IRP			MMRP	IRP	MMRP	11111	Dact ***	F 1 10 (	(9000)	Obligate	u (3000)	riaime	1 (\$000)	Estima	te (\$000)	Listina	iteu Costs	(ψοσο)
								Sites (A	Actions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Virginia																								
NAVY - YO	RKTOWN FISC FUELS	DIVI	SION / VA31700275	56700 /	C-TEC	H																		
	IRP Sites and MRSs by C				Study	21	0	0	0	0	0			\$4,258	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,023	S
Response Complete	20 Response Complete	0	ation		IRA	1(1)	0(0)	0(0)	0(0)		-			\$0	\$0	\$0				\$0		FY14	\$1,040	5
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	0			\$74	\$0	\$0	_					FY15	\$1,058	
Medium	0 MRSPP-2	- 0	MRSPP-8	0	RA-C	2	0	0	0	0	0			\$22,931	\$0	\$0				\$0		FY16	\$1,076	
Low	0 MRSPP-3	- 0	Evaluation Pending	0	RA-O	0	0	1	0	0	0			\$14,660	\$0	\$1,153	\$0		\$0			FY11-Comp		\$29,9
Not Evaluated	0 MRSPP-4	- 0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$0	\$0	\$0		\$0	\$0	- 7		FY11-Comp		4-2,5
Not Required	1 MRSPP-5	0	No Longer Required	0			FY 205		MRS Fin				Total	\$41,923	\$0	\$1,153	\$0	\$989	\$0			FY11-Comp		\$29,9
Total IRP Sites	21 MRSPP-6	0	Total MRSs	0	1 1111	mai KC.	FT 203	U	WIKS FIII	ar KC. F			10441	V11,720	Ψ	ψ1,100	φσ	4505	φσ	<b>\$1,000</b>	Ψ	1 111 Comp	icte	4
	ss Annual RAO continues for this tr			1	1:-01	2000 TI			12			MMD	P Progress	N. MADD	-1411	. 1								
in FY1	0:	cament p	nant. The final expansion was	s complete	u iii Octobei	2008. TIK	entine syst	iem is now	omme.			1,11,111	in FY10:	NO WINIKI	sites idelitili	cu.								
IRP Progress Planne	ed Annual RAO will continue, and re 2: monies become available.		ss Planned 711-FY12:	No MMRP	sites identifi	ed.																		
101 F 111-F 11	Z. mones occome avanable.											101 1	111-1112.											
NAVV VO	PRKTOWN NWS / VA31	70024	17000 / NDI / DAD																					
NAVY-YU								_	_			_		. 1										
	IRP Sites and MRSs by C	Classific	ation		Study	43	1	6	1	0	0	PERS	PERS	\$19,242	\$569	\$1,326	\$29		\$0			FY13	\$5,411	\$
Response Complete	27 Response Complete	1			IRA	12(13)	0(0)	0(0)	0(0)					\$12,941	\$0	\$0	_			\$0		FY14	\$8,337	\$
High	6 MRSPP-1	0	MRSPP-7	0	Design	8	0	0	0	5	0	-		\$3,756	\$0	\$0	_					FY15	\$4,913	5
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	12	0	0	0	5	0	-		\$16,844	\$0	\$0						FY16	\$537	:
Low	o MRSPP-3	0	Evaluation Pending	1	RA-O	4	0	0	0	2	0	-		\$0	\$0	\$0						FY11-Comp		\$24,83
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	1	LTM	4	0	2	0	0	0			\$5,745	\$0	\$158	\$0		\$0	\$297		FY11-Comp		\$5
Not Required	16 MRSPP-5	0	No Longer Required	0	1		FY 205		MRS Fin		Y 2025		Total	\$58,528	\$569	\$1,484	\$29	\$658	\$0	\$1,661	\$0	FY11-Comp	lete	\$25,39
Total IRP Sites	49 MRSPP-6	0	Total MRSs	2	Five-Y	ear Revie	w Compl	leted and	Planned f	or Future														
IRP Progre	SS Refer to Page F-200.											MMR	Progress	Refer to Pag	ge F-200.									
in FY1	0:												in FY10:											
IRP Progress Planne	nd Dafan ta Dana E 200										MMRI	P Progra	ss Planned	Dafanta Daa	F 200									
for FY11-FY1											IVIIVIIC		711-FY12:	Refer to rag	ge r=200.									
AIR FORCE	E - LANGLEY AIR FOR	CE B	ASE / VA357212447	700 / N	PL / BR	AC 200	5 Reali	gnmen	t / RAB /	C-EST														
	IRP Sites and MRSs by C	lassific	ation		Study	54	7	1	5	11	0			\$17,581	\$5,841	\$0	\$903	\$153	\$525	\$1,329	\$1,291	FY13	\$592	\$2,09
Response Complete	53 Response Complete	7			IRA	10(10)	0(0)	0(0)	0(0)					\$9,244	\$0	\$0				\$0		FY14	\$444	
High	0 MRSPP-1	.0	MRSPP-7	0	Design	24	0	0	0	0	2			\$13,100	\$0	\$0	_					FY15	\$453	
Medium	0 MRSPP-2	.0	MRSPP-8	0	RA-C	25	0	1	0	0	5			\$24,240	\$0	\$0		\$0		\$0		FY16	\$462	\$50
Low	2 MRSPP-3	0	Evaluation Pending	5	RA-O	3	0	0	0	0	0			\$3,283	\$0	\$0			\$0	\$0		FY11-Comp		\$14,00
Not Evaluated	11 MRSPP-4	0	No Known/Suspected	0	LTM	11	0	11	0	3	5			\$11,980	\$0	\$564	\$0		\$0	\$627		FY11-Comp		\$5,32
Not Required	0 MRSPP-5	0	No Longer Required	7			FY 201		MRS Fin	al RC+ F	V 2014		Total	\$79,428	\$5,841	\$564						FY11-Comp		\$19,39
Total IRP Sites	66 MRSPP-6	0	Total MRSs	12	-	mai KU:	rı 201	4	MINS FIII	ar NC; f	1 2014		10141	φ13, <del>4</del> 40	φ3,041	9304	\$703	ψ1,004	φ323	91,730	41,271			ΨΞΖ
		0	1 otal MINOS	12								Mars	n n											
IRP Progre in FY1	SS Refer to Page F-101.											MMR	P Progress in FY10:	Refer to Pag	ge F-101.									
IRP Progress Planne											MMRI		ss Planned		ge F-101.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

	us of installations																			Dete	nse Envir	ronmental Ro	estoration	Trogram
DoD Comp	ponent - Installation	n / FI	FID / NPL or Pr	opose	d NPI															l				
							pleted		erway	Fut			Schedule pact**	Costs T FY10	hrough (\$000)	FY10 l Obligate		FY11 Ex Planned			Planning ate (\$000)	Estima	ted Costs	(\$000)
					Phase	IRP			MMRP	IRP	MMRP				/									
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<u>Virginia</u>																								
DEFENSE L	LOGISTICS AGENCY -	DSC I	RICHMOND / VA39	715207	75100 / N	NPL / R	AB / C-	REG /	C-EST															
•	IRP Sites and MRSs by C	lassific	ation		Study	30	0	2	0	0	0			\$34,342	\$0	\$583	\$0	\$257	\$0	\$0	0 \$0	FY13	\$2,134	\$
Response Complete	28 Response Complete	0			IRA	3(4)	0(0)	0(0)	0(0)					\$4,112	\$0	\$0	\$0	\$0	\$0	\$(	0 \$0	FY14	\$710	5
High	2 MRSPP-1	0	MRSPP-7	0	Design	11	0	1	0	2	0	PERS		\$10,307	\$0	\$39	\$0	\$235	\$0	\$336	5 \$0	FY15	\$604	5
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	14	0	0	0	3	0			\$10,665	\$0	\$34	\$0	\$0	\$0	\$1,538	3 \$0	FY16	\$604	\$
Low	1 MRSPP-3	0	Evaluation Pending	0	RA-O	3	0	1	0	2	0			\$5,669	\$0	\$285	\$0	\$195	\$0	\$107	7 \$0	FY11-Comp	. IRP	\$17,63
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	8	0	4	0			\$840	\$0	\$0	\$0	\$123	\$0	\$60	50 \$0	FY11-Comp	. MMRP	5
Not Required	1 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 203	5	MRS Fina	al RC: F	Y -		Total	\$65,935	\$0	\$941	\$0	\$810	\$0	\$2,041	1 \$0	FY11-Comp	lete	\$17,63
Total IRP Sites	32 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future														
IRP Progres in FY10 IRP Progress Planned for FY11-FY12	d Refer to Page F-45.										MMRI	Progre	P Progress in FY10: ss Planned Y11-FY12:	No MMRP										
FORMERLY	Y USED DEFENSE SITI	ES - C	HOPAWAMSIC TR	ROOP '	ΓRAINI	NG SIT	E / VA	39799F	166700															
	IRP Sites and MRSs by C	lassific	ation		Study	0	0	0	1	0	0			\$0	\$263	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	\$
Response Complete	0 Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	) \$0	FY15	\$0	\$
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	) \$0	FY16	\$0	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	) \$0	FY11-Comp	. IRP	\$
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	) \$0	FY11-Comp	. MMRP	\$29,12
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fin	al RC: F	Y 2027		Total	\$0	\$263	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$29,12
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																				
IRP Progres in FY10 IRP Progress Planned for FY11-FY12	d No IRP sites identified.										MMRI	Progre	in FY10:	There is no								limitations prevent s  2020. Funding limi		
FORMERLY	Y USED DEFENSE SITI	ES - N	ANSEMOND ORDI	NANCI				_	NPL / I			/ C-ES	Γ			ı								
	IRP Sites and MRSs by C	lassific	ation		Study	4	0	8	1	0	0			\$24,590	\$1,276	\$1,467	\$367	\$725	\$1,225	\$1,018		FY13	\$2,232	\$21
Response Complete	2 Response Complete	0			IRA	2(2)	1(1)	0(0)	0(0)					\$2,024	\$2,509	\$0	\$0	\$0	\$0	\$0		FY14	\$2,122	S
High	6 MRSPP-1	0	MRSPP-7	0	Design	1	0	1	0	7	0			\$161	\$0	\$0	\$0	\$398	\$0	\$32		FY15	\$4,897	5
Medium	2 MRSPP-2	0	MRSPP-8	0	RA-C	2	0	1	1	8	0			\$1,109	\$17,074	\$0	\$0	\$0	\$0	\$1,437		FY16	\$4,463	\$
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$276	\$0	\$0		FY11-Comp		\$41,95
Not Evaluated	2 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	9	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$5,33
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	9	MRS Fina	al RC: F	Y 2023		Total	\$27,884	\$20,859	\$1,467	\$367	\$1,399	\$1,225	\$2,487	7 \$107	FY11-Comp	lete	\$47,28
Total IRP Sites	12 MRSPP-6	0	Total MRSs	1																				
IRP Progres in FY10 IRP Progress Planner											MMP		P Progress in FY10:											
for FY11-FY12											WINIKI		ss Planned		ge r-59.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

			Pł	hase	Comp			erway MMRP	Futu IRP M		Tona	Schedule act**	Costs T FY10	Through (\$000)		Funds ed (\$000)	FY11 Exc Planned			Planning te (\$000)	Estimated Costs	(\$000)
						-	Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP N	MMRP	IRP	MMRP	Fiscal Year IRP	MMR
/irginia																						
	Y USED DEFENSE SITES	S - PLUM TREE ISLAND	RANGI	E / VA;	39799I	167300	/ C-ES	Т														
<b>*</b>	IRP Sites and MRSs by Clas	ssification	S	tudy	1	1	0	0	0	0			\$0	\$3,941	\$0	\$1,146	\$0	\$0	\$0	\$0	FY13 \$0	\$
Response Complete	1 Response Complete	0	1	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14 \$0	
ligh	0 MRSPP-1	0 MRSPP-7	0 De	esign	1	0	0	0	0	1			\$280	\$0	\$0	\$0	\$0	\$80	\$0	\$1	FY15 \$0	\$
1edium	0 MRSPP-2	1 MRSPP-8	0 R	RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16 \$0	\$:
ow	o MRSPP-3	0 Evaluation Pending	0 R	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. IRP	
lot Evaluated	0 MRSPP-4	0 No Known/Suspected	0 I	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. MMRP	\$3
ot Required	0 MRSPP-5	0 No Longer Required	0 ]	IRP Fin	al RC:	FY 200	6 !	MRS Fina	IRC: FY	2022		Total	\$280	\$3,941	\$0	\$1,146	\$0	\$80	\$0	\$1	FY11-Complete	\$3
otal IRP Sites	1 MRSPP-6	0 Total MRSs	1											•								
	:										IVIIVIIXI						eted draft RI r		e historical t	argets/impact	areas are known to exist. Collecte	ed approxin
IRP Progress Planned for FY11-FY12	1 No actions planned.									MMRI	P Progres	in FY10:	200 soil sa	mples for MC	C characteriz	ation. Compl	eted draft RI re	eport.			areas are known to exist. Collecters: FY 11. Decision Document slate	
for FY11-FY12	1 No actions planned.  Y USED DEFENSE SITES				<b>\</b> 39799			ST			P Progres	in FY10:	- Completiin early FY	on of Remedi	characteriz	ation. Compl	eted draft RI re	eport. Proposed Pla	an is schedu	iled for end o	FFY 11. Decision Document slate	
for FY11-FY12  FORMERLY	1 No actions planned.  Y USED DEFENSE SITES IRP Sites and MRSs by Class		S	itudy	1	0	2	7	6	MMRI 0	P Progres	in FY10:	- Completi in early FY \$5,681	on of Remedi 12.	c characteriz	ation. Complicion, Feasibili	ry Study, and I	Proposed Pla	an is schedu	so	FY13 S0	
FORMERLY esponse Complete	No actions planned.  Y USED DEFENSE SITES  IRP Sites and MRSs by Clast Response Complete	ssification	S	Study IRA	1 0(0)	0 0(0)	2 0(0)	7 0(0)		0	P Progres	in FY10:	- Completi in early FY \$5,681	on of Remedi 12.	al Investigat \$2,075	stion. Completion, Feasibili	sy Study, and F	Proposed Pla \$244 \$0	an is schedu	\$0	FY13 50 FY14 50	
FORMERLY esponse Complete igh	I No actions planned.  Y USED DEFENSE SITES  IRP Sites and MRSs by Clast Response Complete  MRSPP-1	ssification 0 0 MRSPP-7	Si	itudy IRA Jesign	1	0 0(0) 0	2 0(0) 0	7 0(0) 0	5	0 7	P Progres	in FY10:	200 soil sa: - Completiin early FY \$5,681 \$200	on of Remedi 12. \$871 \$0	\$2,075	stion. Completion, Feasibili	so so	\$244 \$0	so so	\$0 \$0 \$0	FY13 50 FY14 50 FY15 50	
FORMERLY esponse Complete igh edium	No actions planned.  Y USED DEFENSE SITES  IRP Sites and MRSs by Clast Response Complete  MRSPP-1  MRSPP-2	0 0 MRSPP-7 0 MRSPP-8	So   I   O   Do   O   R	IRA Design	1 0(0) 0	0 0(0) 0	2 0(0)	7 0(0) 0	5	7 7	P Progres	in FY10:	200 soil sa: - Completi in early FY  \$5,681  \$200  \$0	\$871 \$0 \$0 \$0 \$0 \$0 \$0	\$2,075 \$0 \$0	son, Feasibili	so so so	\$244 \$0 \$0	so so so	\$0 \$0 \$0 \$0	FY13 S0 FY14 S0 FY15 S0 FY16 S0	d for comp
FORMERLY  Sesponse Complete ligh ledium low	I No actions planned.  Y USED DEFENSE SITES  IRP Sites and MRSs by Clast Response Complete  MRSPP-1  MRSPP-2  MRSPP-3	0 MRSPP-7 0 MRSPP-8 0 Evaluation Pending	Si   I   0 Do   0 R   7 R	IRA Design RA-C RA-O	1 0(0)	0 0(0) 0 0	2 0(0) 0	7 0(0) 0 0	5 7 0	0 7	P Progres	in FY10:	200 soil sa:  - Completiin early FY  \$5,681  \$200  \$0  \$945	on of Remedi 7 12. \$871 \$0 \$0	s2,075 s0 s0	\$871 \$0 \$0 \$0 \$0	ty Study, and F	\$244 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	FY13 S0 FY14 S0 FY15 S0 FY16 S0 FY11-Comp. IRP	d for comp
for FY11-FY12	No actions planned.  Y USED DEFENSE SITES  IRP Sites and MRSs by Clast Response Complete  MRSPP-1  MRSPP-2	0 0 MRSPP-7 0 MRSPP-8	Si I I O Do O R 7 R O I I	IRA Design RA-C RA-O	1 0(0) 0 1 0	0 0(0) 0	2 0(0) 0 0 0	7 0(0) 0 0 0	5	7 7 0 6	P Progres	in FY10:	200 soil sa: - Completi in early FY  \$5,681  \$200  \$0	\$871 \$0 \$0 \$0 \$0 \$0 \$0	\$2,075 \$0 \$0	\$871 \$0 \$0 \$0 \$0 \$0	so so so	\$244 \$0 \$0	so so so	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	FY13 S0 FY14 S0 FY15 S0 FY16 S0	

IRP Progress Planned - Continue site-wide RI/FS for FY11-FY12: - Continue SI and potential RI/FS at projects 11 and 12

MMRP Progress Planned - MMRP RI/FS activities

for FY11-FY12:

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

\*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Comp	onent - Installation	ı / FI	FID / NPL or Pr	opose	d NPI	l/BR	AC Y	ear / I	RAB/	СТС Г	elta f	rom F	Y09*											
					Phase		pleted MMRP		erway MMRP	Fut IRP		Imr	Schedule act**		Through (\$000)						Planning te (\$000)	Estima	ated Costs	(\$000)
					2 22450				ctions)	1111	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Wake Island	l																							
AIR FORCE	- WAKE ISLAND AIR	FIELI	O / WQP5730295330	0 / C-T	ЕСН																			
·	IRP Sites and MRSs by C	lassific	ation		Study	48	0	4	1	30	0			\$17,984	\$779	\$1,153	\$779	\$0	\$289	\$0	\$542	FY13	\$2,365	\$571
Response Complete	44 Response Complete	0			IRA	15(18)	0(0)	0(0)	0(0)					\$21,499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	0			\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	6 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	2	1			\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$12,300	\$0
Low	0 MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$17,965
Not Evaluated	30 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	2	0	3	1			\$858	\$0	\$350	\$0	\$189	\$0	\$3,111	\$0	FY11-Comp	. MMRP	\$1,475
Not Required	2 MRSPP-5	0	No Longer Required	0	IRP F	nal RC:	FY 201	2	MRS Fina	al RC: F	Y 2014		Total	\$40,401	\$779	\$1,503	\$779	\$189	\$289	\$3,111	\$542	FY11-Comp	olete	\$19,440
Total IRP Sites	82 MRSPP-6	0	Total MRSs	1	Five-Y	ear Revie	w Planne	d for Fut	ure															
IRP Progress in FY10:	GEITA; Wetlands Battery and Du	mp Site l	RI/FS; Site OT12D RI/FS; and	d Wake Gr	oundwater I	evaluation.						MMRI	Progress in FY10:		the draft fina	al basewide C	SE Phase II	Report. All	MMRP Sites	were scored	l under the MI	SPP requirement.	A basewide RI	was awarded in
IRP Progress Planned for FY11-FY12	Administrative Record; Communi	ty Relati	ons Support; PP/ROD; POL C	roundwate	er Evaluatio	n, ST08/ST	09; and Wa	ike RAB M	lanagement.		MMRI	P Progres	s Planned 11-FY12:	Complete t	he RI work s	coped and aw	arded in FY	10.						

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

	tus of Histaliations													_										
DoD Com	ponent - Installation	n / Fl	FID / NPL or Pr	opose	ed NPI							_		la										
							pleted		erway	Fut		T	Schedule pact**	FY10 (	hrough (\$000)	FY10					Planning te (\$000)	Estima	ted Costs	(\$000)
					Phase	IRP			MMRP	IRP	MMRP				(, ,						/			
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Washington	ı																							
NAVY - BA	NGOR NSB / WA017002	72910	0 / NPL / RAB / C-T	ЕСН																				
<u> </u>	IRP Sites and MRSs by C				Study	42	0	0	1	0	0			\$27,548	\$676	\$0	\$121	\$0	\$0	\$0	\$0	FY13	\$1,956	\$1,57
Response Complete	36 Response Complete	0			IRA	14(25)	0(0)	0(0)	0(0)					\$2,469	\$0	\$0	\$0	\$0	\$0	\$0		FY14	\$2,339	\$1,05
High	0 MRSPP-1	0	MRSPP-7	0	Design	17	0	0	0	0	1	REG		\$2,805	\$0	\$0	\$0	\$0	\$13	\$0		FY15	\$2,549	\$ 5
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	27	0	0	1	0	0	REG		\$38,341	\$654	\$0	\$0	\$0	\$0	\$0		FY16	\$2,248	\$
Low	0 MRSPP-3	0	Evaluation Pending	0	RA-O	6	0	6	0	0	0			\$21,113	\$0	\$1,806	\$0	\$2,478	\$0	\$2,094		FY11-Comp	. IRP	\$47,92
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	5	0	0	0	0	0			\$170	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$2,84
Not Required	6 MRSPP-5	0	No Longer Required	0		inal RC:	FY 204	0	MRS Fina	al RC: F	7 2036		Total	\$92,446	\$1,330	\$1,806	\$121	\$2,478	\$13			FY11-Comp		\$50,77
Total IRP Sites	42 MRSPP-6	1	Total MRSs	1	1				Planned fo		2000		1	. , , .,	, ,	. ,		. ,						
IRP Progres	SS Refer to Page F-24.						1					MMR	P Progress	Refer to Pag	ge F-24.									
in FY10	0:												in FY10:											
IDD D											MADI	n n	Dl											
IRP Progress Planne for FY11-FY12							MINIKI		ss Planned 711-FY12:	Refer to Pag	ge F=24.													
NAVY - KE	YPORT NUWC / WA01	700234	11900 / NPL / RAB /	C-TEC	СН																			
*	IRP Sites and MRSs by C	Classific	ation		Study	13	0	0	0	0	0			\$15,851	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$405	\$0
Response Complete	10 Response Complete	0			IRA	3(6)	0(0)	0(0)	0(0)					\$136	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$426	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	2	0	0	0	0	0			\$386	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$492	\$(
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	7	0	0	0	0	0			\$15,857	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$495	\$
Low	o MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	3	0	0	0			\$2,448	\$0	\$347	\$0	\$401	\$0	\$595	\$0	FY11-Comp	. IRP	\$18,11
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	2	0	0	0	0	0			\$302	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$
Not Required	3 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 204	2	MRS Fin:	al RC: F	Ϋ -		Total	\$34,980	\$0	\$347	\$0	\$401	\$0	\$595	\$0	FY11-Comp	lete	\$18,11
Total IRP Sites	13 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	w Underv	way																
IRP Progres	SS Refer to Page F-99.											MMR	P Progress in FY10:	No MMRP	sites identifi	ed.								
IRP Progress Planne	ed Refer to Page F-99.										MMRI	P Progre	ss Planned	No MMRP	sites identifi	ed.								
for FY11-FY12	2:											for F	711-FY12:											
NAVY - PU	GET SOUND NSY / WA	01700	2341800 / NPL / RA	B / C-T	ЕСН							_												
	IRP Sites and MRSs by C	Classific	ation		Study	33	2	1	0	0	0			\$28,973	\$16,804	\$0	\$0	\$0	\$0	\$0		FY13	\$3,671	\$3,359
Response Complete	26 Response Complete	0			IRA	25(25)	1(1)	0(0)	0(0)					\$14,062	\$2,125	\$0	\$0	\$0	\$0			FY14	\$7,325	\$1,415
High	2 MRSPP-1	0	MRSPP-7	0	Design	16	1	0	0	0	0			\$9,603	\$0	\$0		\$0	\$0			FY15	\$2,831	\$4,500
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	30	0	2	2	0	0			\$96,255	\$2,058	\$1,416	\$1,154	\$373	\$9,349	\$1,415		FY16	\$2,291	\$1,465
Low	0 MRSPP-3	2	Evaluation Pending	0	RA-O	4	0	6	0	2	2	_		\$11,348	\$0	\$1,216	\$0	\$1,266	\$0	\$1,512		FY11-Comp		\$54,980
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	3	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp		\$40,52
Not Required	6 MRSPP-5	0	No Longer Required	0	IRP F	inal RC:	FY 204	2	MRS Fina	al RC: F	Y 2041		Total	\$160,241	\$20,987	\$2,632	\$1,154	\$1,639	\$9,349	\$2,927	\$5,703	FY11-Comp	lete	\$95,50
Total IRP Sites	34 MRSPP-6	0	Total MRSs	2	Five-Y	ear Revie	w Compl	eted and	Planned fo	or Future														
IRP Progres in FY10	SS Refer to Page F-156.	·										MMR	P Progress in FY10:	Refer to Pag	ge F-156.									
IRP Progress Planne											MMRI		ss Planned		ge F-156.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

DoD Cor	mnono	nt Installatio	n / FI	FID / NPL or Pi	ronosc	od NDI	/ <b>RD</b>	AC V	oor / 1	DAR /	CTC D	olto f	rom F	V00*	7										
DOD COL	пропе	nt - mstanatio	ш/гі	ID/NEL OF FI	opose	eu NFI		pleted		erway	Futi			Schedule	Costs Tl	rough	FY10	Funds	FY11 E	xecution	FY12	Planning			
						Phase			_	MMRP				act**	FY10 (			d (\$000)				te (\$000)	Estima	ted Costs	(\$000)
										ctions)			IRP	MMRP	IRP 1	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Washingto	on																								
		EV ISLAND NAS /	/ <b>X</b> X/ A O 1	7002336100 / NPL /	DAR																				
NAVI-V					KAD	Study	91	1	0	2	1	0			\$27,370	\$984	\$0	\$112	\$0	\$129	\$0	\$0	FY13	\$1,356	S
Response Complete		P Sites and MRSs by (	Classific	ation		IRA	57(68)	0(0)	0(0)	0(0)	1	U			\$852	\$984	\$0	\$112	\$0	\$129	\$0		FY14	\$1,103	3
High	+	Response Complete MRSPP-1	0	MRSPP-7	I 0	Design	25	0(0)	0(0)	0(0)	1	1			\$1,412	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$2,014	3
Medium	0	MRSPP-2	1	MRSPP-8	1	RA-C	61	0	0	0	1	3			\$45,676	\$0	\$0	\$0	\$0	\$0	\$0		FY16	\$3,565	\$71
Low	1	MRSPP-3	0	Evaluation Pending	0	RA-O	2	0	8	0	0	0			\$22,621	\$0	\$1,702	\$0	\$1,643	\$0	\$1,379		FY11-Comp		\$31,29
Not Evaluated	0	MRSPP-4	1	No Known/Suspected	0	LTM	20	0	1	0	3	0			\$1,079	\$0	\$137	\$0	\$112	\$0	\$149		FY11-Comp		\$6,7
Not Required	10	MRSPP-5	1	No Longer Required	0			FY 204	12	MRS Fina	IRC: FY			Total	\$99,010	\$984	\$1,839	\$112	\$1,755	\$129	\$1,528		FY11-Comp		\$38,05
Total IRP Sites	92	MRSPP-6	0	Total MRSs	4	-				Planned fo															
IRP Prog in FY IRP Progress Plan for FY11-FY	Y10: med Refe	r to Page F-191. r to Page F-191.										MMRI	Progres	Progress in FY10: as Planned 711-FY12:											
AIR FOR	CE - FA	IRCHILD AIR FO	ORCE	BASE / WA0572124	164700	/ NPL / I	BRAC 2	2005 Rea	alignmo	ent / RAI	3 / C-TE	CH/C	-REG												
<b>Y</b>	IR	P Sites and MRSs by (	Classific	ation		Study	36	3	2	7	12	0			\$16,740	\$5,285	\$120	\$384	\$0	\$768	\$0	\$1,276	FY13	\$2,795	\$1,81
Response Complete		Response Complete	1			IRA	5(5)	0(0)	0(0)	0(0)					\$1,346	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$7,825	\$71
High		MRSPP-1	0	MRSPP-7	0	Design	5	0	2	0	1	2			\$1,964	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$2,177	\$16
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	6	0	2	0	1	7			\$19,046	\$0	\$1,595	\$0	\$2,700	\$0	\$0	\$0	FY16	\$2,079	\$15
Low	1	MRSPP-3	0	Evaluation Pending	9	RA-O	0	0	10	0	1	2			\$16,963	\$0	\$1,116	\$0	\$888	\$0	\$1,311	\$0	FY11-Comp	IRP	\$46,56
Not Evaluated	12	MRSPP-4	0	No Known/Suspected	0	LTM	3	0	0	0	0	7			\$2,832	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	MMRP	\$7,30
Not Required	9	MRSPP-5	0	No Longer Required	1	IRP Fi	nal RC:	FY 202	29	MRS Fina	ıl RC: FY	2014		Total	\$58,891	\$5,285	\$2,831	\$384	\$3,588	\$768	\$1,311	\$1,276	FY11-Comp	lete	\$53,86
Total IRP Sites	50	MRSPP-6	0	Total MRSs	10	Five-Y	ear Revie	w Compl	leted and	Planned fo	r Future														
IRP Prog in FY IRP Progress Plan for FY11-FY	Y10: med Refe	r to Page F-57.										MMRI	Progres	Progress in FY10: as Planned V11-FY12:											
FORMER	RLY US	ED DEFENSE SIT	ES - F	ORT FLAGLER M	IL RES	S / WA09	799F32	8900																	
	IR	P Sites and MRSs by 0	Classific	ation		Study	1	0	0	1	0	0			\$49	\$199	\$0	\$0	\$0	\$0	\$0		FY13	\$0	:
Response Complete	1	Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$324	\$0	\$0	\$0	\$0		\$0		FY14	\$0	
High	_	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	0	1	<u> </u>		\$1	\$0	\$0	\$0	\$0	\$0	\$0		FY15	\$0	
Medium	0	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	0	1	<u> </u>		\$98	\$0	\$0	\$0	\$0		\$0		FY16	\$0	\$
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0		\$0		FY11-Comp		
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0		\$0		FY11-Comp		\$10,58
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 199	14	MRS Fina	d RC: FY	2033		Total	\$472	\$199	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$10,58
Total IRP Sites  IRP Prog in FY	ress Nop	MRSPP-6 rogress reported.	0	Total MRSs	1								MMRI	Progress in FY10:	No progress	reported.									
IRP Progress Plan for FY11-FY		ctions planned.										MMRI		s Planned 11-FY12:	No actions p	lanned.									

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

					Com	Completed Underway Fut					FY10 Schedule Impact**		Costs Through FY10 (\$000)		FY10 Funds Obligated (\$000)		FY11 Execution Planned (\$000)		FY12 Planning Estimate (\$000)				
					IRP MMRP IRP MMRP IRP					<b>IMRP</b>											Estimated Costs (\$000)		
							Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP 1	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
<b>W</b> ashingto	n																						
	LY USED DEFENSE SIT	ES - FO	ORT TOWNSEND / WA	.09799F32	29300																		
IRP Sites and MRSs by Classification				Study	0	0	0	1	0	0			\$0	\$230	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	5
Response Complete	0 Response Complete	0		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	:
High	0 MRSPP-1	0	MRSPP-7	0 Design	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	:
Medium	0 MRSPP-2	0	MRSPP-8	0 RA-C	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	:
Low	0 MRSPP-3	0	Evaluation Pending	1 RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. I	IRP	:
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0 LTM	0	0	0	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp. N	MMRP	\$12,0
Not Required	0 MRSPP-5	0	No Longer Required	0 IRP J	Final RC:	: FY -		MRS Fina	IRC: FY	2054		Total	\$0	\$230	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Complet	te	\$12,05
Total IRP Sites	0 MRSPP-6	0	Total MRSs	1																			
IRP Progress Plant for FY11-FY	ned No IRP sites identified.									MMRF		s Planned 11-FY12:	No actions p	olanned.									
FORMER	LY USED DEFENSE SIT	ES - N	AS-QUILLAYUTE / WA	.09799F8	36800																		
IRP Sites and MRSs by Classification				Study	1	0	1	0	0	0			\$2,780	\$0	\$249	\$0	\$600	\$0	\$102	\$0	FY13	\$1,333	
Response Complete	1 Response Complete	0		IRA	1(1)	0(0)	0(0)	0(0)					\$72	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$504	
High	1 MRSPP-1	0	MRSPP-7	0 Design	1	0	0	0	1	0			\$222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$543	:
Medium	0 MRSPP-2	0	MRSPP-8	0 RA-C	1	0	0	0	1	0			\$638	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$543	
Low	0 MRSPP-3	0	Evaluation Pending	0 RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. I		\$15,1
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0 LTM	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp. N		
Not Required	0 MRSPP-5	0	No Longer Required	0 IRP I	Final RC:	FY 201	14	MRS Fina	IRC: FY	-		Total	\$3,712	\$0	\$249	\$0	\$600	\$0	\$102	\$0	FY11-Complet	te	\$15,1
Total IRP Sites	2 MRSPP-6	0	Total MRSs	0																			
IDD D	'ess Draft of the Remedial Investiga	ion comple	ete. Review and revision underway.							MMRP Progress No MMRP sites identified. in FY10:													
in FY			,									in FY10:											

RP Progress Planned Finalize the Remedial Investigation, Feasibility Study, Proposed Plan, and Decision Do for FY11-FY12:

MMRP Progress Planned No MMRP sites identified for FY11-FY12:

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

						Com	pleted	Und	erway	Futi	ıre				hrough	FY10			xecution			Ectimo	ted Costs	(0002)
					Phase	IRP	MMRF	IRP	MMRP	IRP N	MMRP	Imp	act**	FY10	(\$000)	Obligate	ed (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Esuma	teu Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
West Virgir	nia																							
_	LEGANY BALLISTICS	LAB	WV317002369100 /	NPL /	RAB																			
•	IRP Sites and MRSs by C	Classific	ation		Study	39	0	2	0	0	0			\$8,216	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$5,687	
esponse Complete	29 Response Complete	0			IRA	10(10)	0(0)	0(0)	0(0)					\$10,350	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$3,303	
igh	3 MRSPP-1	0	MRSPP-7	0	Design	5	0	2	0	1	0	REG		\$3,876	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$8,855	
fedium	0 MRSPP-2	0	MRSPP-8	0	RA-C	5	0	0	0	3	0	REG		\$7,601	\$0	\$0	\$0	\$173	\$0	\$468	\$0	FY16	\$987	
ow	o MRSPP-3	0	Evaluation Pending	0	RA-O	0	0	4	0	1	0			\$10,215	\$0	\$3,622	\$0	\$1,906	\$0	\$1,309	\$0	FY11-Comp	IRP	\$38,
lot Evaluated	o MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	0			\$905	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	MMRP	
ot Required	9 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 203	8	MRS Fina	IRC: FY	-		Total	\$41,163	\$0	\$3,622	\$0	\$2,079	\$0	\$1,777	\$0	FY11-Comp	ete	\$38,
otal IRP Sites	41 MRSPP-6	0	Total MRSs	0	Five-Y	ear Revie	w Compl	eted and	Planned fo	r Future														
IRP Progre in FY10					Progress in FY10:		sites identifi	ied.																
in FY10	ed Refer to Page F-19.										MMRP	Progress	in FY10:		e sites identifi e sites identifi									
in FY10	ed Refer to Page F-19.	ES - W	EST VIRGINIA OR	RD WO	ORKS / V	WV3979	99F3461	00 / NP	L / C-ES	ST .	MMRP	Progress	in FY10:											
in FY10	ed Refer to Page F-19.			RD WO	PRKS / V	<b>VV397</b> 9	99F3461	100 / NP	L / C-ES	<b>ST</b> 0	MMRP 0	Progress	in FY10:		sites identifi	ied.	\$0	\$215	\$0	\$340	\$0	FY13	\$656	
in FY10 IRP Progress Planne for FY11-FY1: FORMERL	ed Refer to Page F-19.  2:  XY USED DEFENSE SITI  IRP Sites and MRSs by C  39 Response Complete	Classific	ation		Study IRA		99F3461		L / C-ES			Progress for FY	in FY10: s Planned 11-FY12:	\$30,575	sites identifii	s874	\$0	\$215 \$0	\$0 \$0	\$340 \$0	\$0	FY14	\$656 \$1,078	
in FY10 IRP Progress Planne for FY11-FY1: FORMERL esponse Complete	oed Refer to Page F-19. 2:  XY USED DEFENSE SITI	Classific			Study	41	1	2	0			Progress for FY	in FY10: s Planned 11-FY12:	No MMRF \$30,575	sites identifii	\$874 \$0	\$0				\$0			
in FY10 IRP Progress Planne for FY11-FY1: FORMERL tesponse Complete	ed Refer to Page F-19.  2:  XY USED DEFENSE SITI  IRP Sites and MRSs by C  39 Response Complete	Classific	ation		Study IRA	41 0(0)	1 0(0)	2 0(0)	0	0	0	Progress for FY REG REG	in FY10: s Planned 11-FY12:  REG REG	\$30,575	\$0 \$0	\$874 \$0 \$0	\$0 \$0		\$0	\$0	\$0 \$0	FY14	\$1,078	
in FY10 IRP Progress Planne for FY11-FY1: FORMERL esponse Complete igh ledium	ed Refer to Page F-19. 22:  XY USED DEFENSE SITI  IRP Sites and MRSs by C  39 Response Complete  2 MRSPP-1	Classific	MRSPP-7		Study IRA Design	41 0(0) 11	0(0)	2 0(0)	0 0(0) 0	0	0	Progress for FY  REG  REG  REG	REG REG REG	\$30,575 \$0 \$3,225	\$0 \$0 \$0 \$0	\$874 \$0 \$0 \$2	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0	FY14 FY15	\$1,078 \$351 \$831	\$46
in FY10 IRP Progress Planne for FY11-FY1: FORMERL esponse Complete igh edium ow	0: ed Refer to Page F-19. 22:  XY USED DEFENSE SITI  IRP Sites and MRSs by C  39 Response Complete  2 MRSPP-1  0 MRSPP-2  0 MRSPP-3  0 MRSPP-4	0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected		Study IRA Design RA-C	41 0(0) 11	0(0) 0 0	2 0(0)	0 0(0) 0	0	0 0 0	Progress for FY  REG  REG  REG	REG REG REG	\$30,575 \$0 \$3,225 \$25,864	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$874 \$00 \$00 \$22 \$566	\$0 \$0 \$0	\$0 \$0 \$27	\$0 \$0	\$0 \$0 \$48	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,078 \$351 \$831 IRP MMRP	
in FY10 IRP Progress Planne for FY11-FY1: FORMERL esponse Complete igh ledium ow ot Evaluated	ed Refer to Page F-19.  22:  XY USED DEFENSE SITI  IRP Sites and MRSs by C  39 Response Complete  2 MRSPP-1  0 MRSPP-2  0 MRSPP-3	0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending		Study IRA Design RA-C RA-O LTM	41 0(0) 11 26 4 32	0(0) 0 0	2 0(0) 0 1 1 6	0 0(0) 0 0 0	0 0 0 1	0 0 0 0 0	Progress for FY  REG  REG  REG	REG REG REG	\$30,575 \$00 \$3,225 \$25,864 \$6,525	\$0 \$0 \$0 \$0 \$0 \$0 \$7	\$874 \$0 \$0 \$2 \$5666 \$924	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$27 \$865	\$0 \$0 \$0 \$0	\$0 \$0 \$48 \$169	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,078 \$351 \$831 IRP MMRP	\$46. \$46.
in FY10 IRP Progress Planne for FY11-FY1: FORMERL esponse Complete ligh edium ow ot Evaluated ot Required	0: ed Refer to Page F-19. 22:  XY USED DEFENSE SITI  IRP Sites and MRSs by C  39 Response Complete  2 MRSPP-1  0 MRSPP-2  0 MRSPP-3  0 MRSPP-4	0 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected		Study IRA Design RA-C RA-O LTM IRP Fi	41 0(0) 11 26 4 32 nal RC:	1 0(0) 0 0 0 1 FY 202	2 0(0) 0 1 1 6	0 0(0) 0 0 0	0 0 1 0	0 0 0 0 0	Progress for FY  REG  REG  REG	REG REG REG REG	\$30,575 \$0 \$3,225 \$25,864 \$6,525 \$13,562	\$0 \$0 \$0 \$0 \$0 \$0 \$7	\$874 \$0 \$0 \$2 \$5666 \$924	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$27 \$865 \$211	\$0 \$0 \$0 \$0	\$0 \$0 \$48 \$169 \$0	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,078 \$351 \$831 IRP MMRP	
in FY10  IRP Progress Planne for FY11-FY1:  FORMERL  Response Complete High  Medium .ow Jot Evaluated Jot Required  Fotal IRP Sites	### Oct	0 0 0 0	MRSPP-7 MRSPP-8 Evaluation Pending No Known/Suspected No Longer Required		Study IRA Design RA-C RA-O LTM IRP Fi	41 0(0) 11 26 4 32 nal RC:	1 0(0) 0 0 0 1 FY 202	2 0(0) 0 1 1 6	0 0(0) 0 0 0 0	0 0 1 0	0 0 0 0 0	Progress for FY  REG REG REG REG	REG REG REG REG	\$30,575 \$60 \$3,225 \$25,864 \$6,525 \$13,562 <b>\$79,751</b>	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$7 \$7	\$874 \$0 \$0 \$2 \$5666 \$924	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$27 \$865 \$211	\$0 \$0 \$0 \$0	\$0 \$0 \$48 \$169 \$0	\$0 \$0 \$0 \$0 \$0	FY14 FY15 FY16 FY11-Comp	\$1,078 \$351 \$831 IRP MMRP	

IRP Progress Planned Refer to Page F-196 for FY11-FY12: MMRP Progress Planned Refer to Page F-190. for FY11-FY12:

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

<sup>\*\*</sup>Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

						Comp	oleted	Unde	rway	Futu	re	FY10 S	chedule	Costs Th	rough	FY10	Funds	FY11 Ex	xecution	FY12 I	Planning		
				Ph	hase					IRP N			act**	FY10 (\$	8000)	Obligate	d (\$000)	Planned	1 (\$000)	Estima	te (\$000)	Estimated Costs	(\$000)
				1	-	11(1		Sites (A		11(1 )	11/11/1	IRP	MMRP	IRP N	<b>IMRP</b>	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year IRP	MMRP
Wisconsin																						110001 1001 1101	1/21/2242
_	DGER ARMY AMMUN	ITIO	N DI ANT / WI5212920	05600 /	/ <b>D A D</b>	/ C TE	CH																
AKWII - BA					tudy	35	0	3	0	0	0	1		\$24,465	\$0	\$11	\$0	\$3,543	\$0	\$0	02	FY13 \$3,813	\$
Response Complete	IRP Sites and MRSs by C	iassinc	ation		IRA	6(7)	0(0)	1(2)	0(0)	- 0	- 0	FUND		\$46,675	\$0	\$17,240	\$0	\$0,545	\$0 \$0	\$0		FY14 \$3,833	SI SI
High	2 MRSPP-1	0	MRSPP-7		esign	10	0(0)	3	0(0)	0	0	REG		\$10,499	\$0	\$17,240	90	\$1,815	\$0	\$0		FY15 \$3,897	\$(
Medium	2 MRSPP-2	0	MRSPP-8		A-C	12	0	3	0	0	0	REG		\$52,772	\$0	\$0		\$380	\$0	\$3,904		FY16 \$3,964	
Low	0 MRSPP-3	0	Evaluation Pending		A-O	1	0	2	0	0	0			\$34,350	\$0	\$4,866	\$0	\$1,684	\$0	\$1,711		FY11-Comp. IRP	\$83,658
Not Evaluated	0 MRSPP-4	0	No Known/Suspected		TM	6	0	2	0	0	0			\$21,652	\$0	\$1,916	\$0	\$1,981	\$0	\$2,013		FY11-Comp. MMRP	\$
Not Required	2 MRSPP-5	0	No Longer Required	0 I	IRP Fir	al RC:	FY 2019	) N	ARS Fina	IRC: FY	-		Total	\$190,413	\$0	\$24,033	\$0	\$9,403	\$0	\$7,628		FY11-Complete	\$83,658
Total IRP Sites	38 MRSPP-6	0	Total MRSs						lanned fo														
IRP Progress Planne for FY11-FY12	d BAAP-001: Produce an RA for cl progress toward exit strategy. BA	osure. BA	al work; if needed, find new remed AAP-006: Conduct a biotreatment sontinue pump-and-treat operations dial investigation (RI) after demoli	shutdown. s and prepa	BAAP-1	2: Continu	ie groundw	ater monito	ring while e	valuating aintain	MMRI		s Planned 11-FY12:	No MMRP si	tes identific	ed.							
♦ AIR FORCE	- VOLK FIELD AIR G	UARI	BASE / WI557282587	700 / C	C-TEC	Н																	
•	IRP Sites and MRSs by C	lassific	ation	St	tudy	17	0	0	13	0	0			\$2,999	\$3,137	\$0	\$0	\$0	\$2,768	\$0	\$1,222	FY13 \$53	\$3,218
	16 Response Complete	0		I	IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14 \$42	
Response Complete																							\$4,170
High	0 MRSPP-1	0	MRSPP-7	0 <b>D</b> e	esign	5	0	0	0	0	13			\$285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15 \$43	
	0 MRSPP-1 0 MRSPP-2	0	MRSPP-8		esign A-C	5	0	0	0	0	13			\$285 \$210	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0		FY15 \$43 FY16 \$115	\$0
High		0		0 R	-	5 3			0 0										\$0 \$0 \$0		\$0		\$0
High Medium	0 MRSPP-2	0 0	MRSPP-8	0 R	A-C	5 5 3 0	0		0 0 0	0	3			\$210	\$0	\$0	\$0	\$0		\$0	\$0 \$0	FY16 \$115	\$680
High Medium Low	0 MRSPP-2 0 MRSPP-3	0 0 0 0	MRSPP-8 Evaluation Pending	0 R 13 R 0 L	A-C A-O TM	3	0	0 1 0	0	0	3 0 12		Total	\$210 \$594	\$0 \$0	\$0 \$102	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0 \$0	FY16 \$115 FY11-Comp. IRP	\$686 \$356
High Medium Low Not Evaluated	0 MRSPP-2 0 MRSPP-3 0 MRSPP-4	0 0 0 0 0 0	MRSPP-8 Evaluation Pending No Known/Suspected	0 R 13 R 0 L	A-C A-O TM	3	0 0	0 1 0	0	0 0	3 0 12		Total	\$210 \$594 \$21	\$0 \$0 \$0	\$0 \$102 \$0	\$0 \$0 \$0	\$0 \$0 \$57	\$0 \$0	\$0 \$0 \$46	\$0 \$0 \$0	FY16 \$115 FY11-Comp. IRP FY11-Comp. MMRP	\$12

IRP Progress Planned Continue RAO and LTM for FY11-FY12:

MMRP Progress Planned No actions planned. for FY11-FY12:

\*CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria

\*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Com	pone	ent - Installatio	n / FF	TID / NPL or Pro	opose	d NPI		AC Y		RAB / (erway	CTC D Futt		_	Y09* Schedule	Costs Th	rough	FY10	Funds	FY11 E	xecution	FY12 l	Planning	1		
						Phase				MMRP			T	act**	FY10 (		Obligate	ed (\$000)		d (\$000)		te (\$000)	Estima	ated Costs	s ( <b>\$000</b> )
						111100				ctions)	1111		-	MMRP	IRP I	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMR
Wyoming																									
	FHO W	VY ARNG / WY82	1185601	NG00																					
Main of		P Sites and MRSs by				Study	0	0	0	40	0	0			\$0	\$1,533	\$0	\$1,533	\$0	\$2,053	\$0	\$2,086	FY13	\$0	
Response Complete		Response Complete	0	ition		IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	-	\$0	-	FY14	\$0	\$3
High		MRSPP-1	0	MRSPP-7	0	Design	0	0	0	0	0	20			\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	
Лedium	0	MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	0	0	20			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	S
Low	0	MRSPP-3	0	Evaluation Pending	40	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. IRP	
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	4			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. MMRP	\$2.
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY -		MRS Fina	ıl RC: FY	2021		Total	\$0	\$1,533	\$0	\$1,533	\$0	\$2,053	\$0	\$2,086	FY11-Comp	olete	\$23
Total IRP Sites	0	MRSPP-6	0	Total MRSs	40										•			•		•		•			•
IRP Progress Plann for FY11-FY	10: ned No II	RP sites identified.										MMRI	P Progres	Progress in FY10: s Planned 11-FY12:											
AIR FORC	T - FR	PANCIS F WARRI	FN ATR	FORCE BASE / W	V8572	1241790	0 / NPI	./RAR	/ C-TF	CH / C-I	FST														
AIRTORE					105/2	Study	23	0	/ C-1E	0	11	0			\$70,857	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$1,155	
D C	1K	P Sites and MRSs by	Classifica	ition		IRA	6(15)	0(0)	0(0)	0(0)	11	0			\$31,452	\$0	\$0	\$0	\$0		\$0			\$1,133	
Response Complete	0	Response Complete MRSPP-1	0	MRSPP-7	0	Design	7	0(0)	0(0)	0(0)	1	0			\$4.028	\$0	\$0	\$0	\$0	_	\$0			\$1,369	
Medium	2	MRSPP-2	0	MRSPP-8	0	RA-C	9	0	1	0	1	0			\$20,007	\$0	\$1,236	\$0	\$1,364		\$0		FY16	\$4,719	
Low	- 0	MRSPP-3	0	Evaluation Pending	0	RA-O	3	0	5	0	1	0			\$5,221	\$0	\$542	\$0	\$671		\$1,069		FY11-Comp		\$31
Not Evaluated	11	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	3	0	7	0			\$1,124	\$0	\$125	\$0	\$167		\$216		FY11-Comp		φυ
Not Required	5	MRSPP-5	0	No Longer Required	0		nal RC•	FY 203	6	MRS Fina	IRC: FV	, .		Total	\$132,689	\$0	\$1,903	\$0	\$2,202		\$1,285		FY11-Comp		\$31
Total IRP Sites	35	MRSPP-6	0	Total MRSs	0	1				Planned fo				10	ψ102,005	ΨΟ	41,700	φσ	Ψ2,202	ΨΟ	<b>\$1,2</b> 00	ΨΟ	T T T Comp	, , , , , , , , , , , , , , , , , , ,	
IRP Progr in FY	10: ned Refe											MMRI	Progres	Progress in FY10: s Planned 11-FY12:											
FORMERI	LY US	ED DEFENSE SIT	ES - CA	ASPER AFB / WY89	799F0	87000																			
•	IR	P Sites and MRSs by	Classifica	ntion		Study	1	0	1	1	0	0			\$192	\$105	\$0	\$11	\$830	\$460	\$700	\$0	FY13	\$332	
Response Complete	1	Response Complete	0			IRA	0(0)	0(0)	0(0)	0(0)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,064	
High	0	MRSPP-1	0	MRSPP-7	0	Design	1	0	0	0	1	1			\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,417	
Medium	1	MRSPP-2	0	MRSPP-8	0	RA-C	1	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$4,154	s
Low	0	MRSPP-3	0	Evaluation Pending	1	RA-O	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. IRP	\$23
Not Evaluated	0	MRSPP-4	0	No Known/Suspected	0	LTM	1	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	o. MMRP	\$:
Not Required	0	MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 201	9	MRS Fina	l RC: FY	2025		Total	\$222	\$105	\$0	\$11	\$830	\$460	\$700	\$0	FY11-Comp	olete	\$20
Total IRP Sites	2	MRSPP-6	0	Total MRSs	1	]																			
in FY	d 0 MRSPP-5 0 No Longer Required 0 IRP Final RC: FY 2019 MRS Final RC:													Progress in FY10:						in March 201	1				

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

2.20		s with FY11 to Com										T7004	7									n Program
DoD Compo	onent - Installation	n / FFID / NPL or Proj	posed N		BR/Comp			RAB /		Delta f		Y09* Schedule	Costs Through	FY10	Funds	FY11 E	xecution	FY12 I	Planning			
			Pha	-					IRP	MMRP	Imp	act**	FY10 (\$000)	Obligate	ed (\$000)	Planned	d (\$000)	Estima	te (\$000)	Estima	ated Costs	(\$000)
							Sites (A	ctions)			IRP	MMRP	IRP MMRF	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Wyoming																						
	LICED DEFENCE CITE	ES - FE WARREN AFB FAC	CSITE 1	wvs	207001	F08650	n															
FORWIERLI					-			0	0	0	1		\$1,280 \$		\$0	60	\$0	60	60	EX712	\$0	
D G 14	IRP Sites and MRSs by C	lassification	Stu	-	2	0 0(0)	0 0(0)	0(0)	0	0			\$1,280 \$ \$0 \$	_		\$0 \$0	\$0	\$0 \$0		FY13 FY14	\$306	
Response Complete	1 Response Complete 1 MRSPP-1	0 MRSPP-7		-	1(1)	0(0)	0(0)	0(0)	0	0			\$192 \$			\$0 \$0	\$0 \$0	\$0 \$44			\$306 \$458	
High Medium	0 MRSPP-2	0 MRSPP-8	0 Desi		1	0	0	0	1	0	_		\$192 \$/ \$140 \$/			\$0	\$0	\$44		FY15 FY16	\$458	
Low	0 MRSPP-2	0 Evaluation Pending	0 RA-	-	0	0	0	-	1	0	_						\$0	\$0				\$23,5
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 KA	-	1	0	0	0	1	0			\$0 \$1 \$1			\$0 \$0	\$0 \$0	\$0		FY11-Comp FY11-Comp		\$23,3
Not Required	0 MRSPP-5	0 No Longer Required			•			0	100.0					\$150		\$0	\$0					\$23,5
		~ .	0 IR	P Final	RC:	FY 2013	5 ]	MRS Fin	al RC: F	Υ -		Total	\$1,613	\$150	\$0	\$0	\$0	\$44	\$0	FY11-Comp	lete	\$23,3
IRP Progress Interim Monitoring was initiated in FY10 under the Remedial Design (RD) Phase to assess seasonal fluctuations and plume stability until RA work can in FY10:    MRP Progress   Interim Monitoring was initiated in FY10 under the Remedial Design (RD) Phase to assess seasonal fluctuations and plume stability until RA work can in FY10:    MRRP Progress   No MMRP sites identified. in FY10:																						
in FY10:	IRP Progress Interim Monitoring was initiated in FY10 under the Remedial Design (RD) Phase to assess seasonal fluctuations and plume stability until RA work can in FY10:  MMRP Progress No MMRP sites identified. in FY10:  MMRP Progress No MMRP sites identified.																					
IRP Progress Planned	in FY10: be funded.																					
	in FY10: be funded.  IRP Progress Planned Remedial Action (RA) work is not anticipated to be funded until FY15 or beyond.  MMRP Progress Planned No MMRP sites identified.																					
FORMERLY	USED DEFENSE SITE	ES - FE WARREN AFB FAC	C SITE 2	WY8	897991	F08660	0															<u> </u>
	IRP Sites and MRSs by C	lassification	Stu	dy	1	0	1	0	0	0			\$2,498	\$583	\$0	\$5	\$0	\$36	\$0	FY13	\$374	:
Response Complete	1 Response Complete	0	IR.	A	1(1)	0(0)	0(0)	0(0)					\$0 \$	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$545	
High	1 MRSPP-1	0 MRSPP-7	0 Desi	gn	1	0	0	0	1	0			\$19 \$	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$1,086	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-	·C	1	0	0	0	1	0			\$215	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-	0	0	0	0	0	1	0			\$0 \$	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$14,1
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LT	M	1	0	0	0	1	0			\$1	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	
Not Required	0 MRSPP-5	0 No Longer Required	0 IR	P Final	RC:	FY 2020	) ]	MRS Fin	al RC: F	Y -		Total	\$2,733	\$583	\$0	\$5	\$0	\$36	\$0	FY11-Comp	lete	\$14,1
Total IRP Sites	2 MRSPP-6	0 Total MRSs	0																	_		
IRP Progress in FY10:	Interim Monitoring work was initi work can be funded.	iated in FY10 under the Remedial Design (	(RD) Phase to	assess se	easonal f	luctuations	and plume	stability ur	ntil RA		MMRI	Progress in FY10:	No MMRP sites identi	ied.								
IRP Progress Planned	FS work is to be started in FY11 a	after completion of the FS Addendum Repo	ort. Remedial	Action v	vork is n	ot anticinat	ted to be fu	nded until F	Y15 or	MMRI	Progre	s Planned	No MMRP sites identi	ied.								
for FY11-FY12:	beyond.											711-FY12:										
FORMERLY	USED DEFENSE SITE	ES - FE WARREN AFB FAC	C SITE 3	WY8	397991	F08670	0															
	IRP Sites and MRSs by C	lassification	Stu	dy	2	0	0	0	0	0			\$1,131	\$0	\$0	\$0	\$0	\$0	\$0	FY13	\$0	
Response Complete	Response Complete	0	IR.	A :	2(2)	0(0)	0(0)	0(0)					\$252 \$	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$2,008	
High	1 MRSPP-1	0 MRSPP-7	0 Desi	gn	1	0	1	0	0	0			\$179	\$145	\$0	\$130	\$0	\$0	\$0	FY15	\$402	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA	·C	1	0	0	0	1	0			\$241 \$	\$0	\$0	\$1,197	\$0	\$1,876	\$0	FY16	\$0	
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-	ю.	0	0	0	0	1	0			\$0 \$	\$0	\$0	\$0	\$0	\$0		FY11-Comp	. IRP	\$11,0
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LT	М	1	0	0	0	1	0			\$1 \$	\$0	\$0	\$0	\$0	\$0		FY11-Comp		
Not Required	0 MRSPP-5	0 No Longer Required			RC:	FY 2013	3 ]	MRS Fin	al RC: F	Y -		Total	\$1,804 \$	\$145	\$0	\$1,327	\$0	\$1,876		FY11-Comp		\$11,0
Total IRP Sites	2 MRSPP-6	0 Total MRSs	0																			
		ated in FY10 under the Remedial Design (	(RD) Phase to	assess se	easonal f	luctuations	and plume	stability ur	ntil RA		MMRI	Progress in FY10:	No MMRP sites identi	īed.								
IDD Ducanoss Blanned	IRP Progress Interim Monitoring work was initiated in FY10 under the Remedial Design (RD) Phase to assess seasonal fluctuations and plume stability until RA in FY10: work can be funded.  MMRP Progress No MMRP sites identified. in FY10:  MMRP Progress No MMRP sites identified.																					

for FY11-FY12:

for FY11-FY12: until FY15 or beyond.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

		s with FY11 to Comp											<del></del>										
DoD Comp	onent - Installation	1 / FFID / NPL or Prop		(	Compl	leted	Unde	erway		ture	FY10 S		Costs Tl FY10 (		FY10 Obligate	Funds ed (\$000)	FY11 Ex			Planning ate (\$000)	Estima	ted Costs	(\$000)
			Phas	e 11	(P IV	MMRP	Sites (A		IKP	MWK	1 1	MMRP	,	MMRP		MMRP		MMRP			Fiscal Year	IRP	MMRP
Wayoming											11(1	WIVIKI	IM .	WIVIEL	11(1	White	IIII	White	11(1	MINIC	riscai i cai	INI	IVIIVIICI
Wyoming																							
FORMERLY	USED DEFENSE SITE	ES - FE WARREN AFB FAC			9799F		0 / C-E																
	IRP Sites and MRSs by C	lassification	Stud	-	1	0	1	0	0	0	$\perp$		\$6,380	\$0	\$2,215	\$0	\$800	\$0	\$0		FY13	\$290	:
Response Complete	1 Response Complete	0	IRA	_	(1)	0(0)	1(1)	0(0)					\$6,588	\$0	\$5,929	\$0	\$40	\$0				\$440	5
High	1 MRSPP-1	0 MRSPP-7	0 Desi		1	0	0	0	1	0	Ц_		\$19	\$0	\$0	\$0	\$5	\$0			FY15	\$452	5
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-		1	0	0	0	1	0			\$211	\$0	\$0	\$0	\$836	\$0		-		\$0	\$
Low	0 MRSPP-3	0 Evaluation Pending	0 RA-	_	0	0	0	0	1	0			\$0	\$0	\$0	\$0	\$0	\$0	\$99		- 1		\$17,81
Not Evaluated	0 MRSPP-4	0 No Known/Suspected	0 LTM		1	0	0	0	1	0			\$1	\$0	\$0	\$0	\$0	\$0	\$0				\$
Not Required			0 IRI	Final	RC: F	Y 2013	3 !	MRS Fina	al RC: F	Y -		Total	\$13,199	\$0	\$8,144	\$0	\$1,681	\$0	\$579	\$0	FY11-Compl	ete	\$17,81
Total IRP Sites	2 MRSPP-6	0 Total MRSs	0																				
in FY10  IRP Progress Planner	The Time No. 11 and 1 an																						
FORMERLY	USED DEFENSE SITE	ES - FORT FRANCIS E. WA	RREN T.	AR &	MAN	EUVF	ER RGF	E / WY89	9799F09	21000/0	C-TECF									-			-
¥	IRP Sites and MRSs by C		Stud		0	0	0	1	1	0			\$13	\$97	\$0	\$8	\$0	\$10	\$834	4 \$0	FY13	\$0	
Response Complete	0 Response Complete	lassification	IRA	-	0(0)	0(0)	0(0)	0(0)	<u> </u>	0	_		\$0	\$0	\$0	\$0	\$0	\$10	\$0		FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Desig	-	0	0(0)	0(0)	0(0)	+-	1	_		\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	3
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-		0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-		0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0		FY11-Comp.	TRP	\$3,1
Not Evaluated	1 MRSPP-4	0 No Known/Suspected	0 LTM	_	0	0	0	0	1	1			\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$7,4
Not Required	0 MRSPP-5	0 No Longer Required				FY 2019			al RC: F			Total	\$13	\$97	\$0	\$8	\$0	\$10			· ·		\$10,63
Total IRP Sites	1 MRSPP-6	0 Total MRSs	1	1 111111	кс	1 202	, .	VIIIO I III	al RC. I	1 4007		10			7.	•	7.				TIII COM-F-	cic	
IRP Progres in FY10 IRP Progress Plannee for FY11-FY12	l No actions planned.									MMR	P Progres	P Progress in FY10: ss Planned 711-FY12:	Technical Pr	roject Planni	ng memo wa	as completed	26 Aug 2010	)	ell as State a	and Federal reg	gulators was held 16	Mar 2010 and	the Final
FORMERLY	USED DEFENSE SITE	ES - GUERNSEY CAMP SIT	E & MA	N ARI	EA/V	— NY897		900													<u></u>		
-	IRP Sites and MRSs by C		Stud		0	0	0	1	0	0			\$0	\$95	\$0	\$9	\$0	\$10	\$0	0 \$0	FY13	\$0	
Response Complete	0 Response Complete	assification 0	IRA	-	(0)	0(0)	0(0)	0(0)	H		$\vdash$		\$0	\$0	\$0	\$0	\$0	\$0			FY14	\$0	
High	0 MRSPP-1	0 MRSPP-7	0 Desig	_	0	0	0(0)	0	0	1			\$0	\$0	\$0	\$0	\$0	\$0				\$0	
Medium	0 MRSPP-2	0 MRSPP-8	0 RA-	<u> </u>	0	0	0	0	0	1	_		\$0	\$0	\$0	\$0	\$0	\$0				\$0	\$3
Low	0 MRSPP-3	0 Evaluation Pending	1 RA-		0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0				TDD	9-
Not Evaluated	0 MRSPP-4	No Known/Suspected	0 LTM		0	0	0	0	0	1	$\vdash$		\$0 \$0	\$0	\$0	\$0	\$0 \$0	\$0			-		\$13,9
Not Required	0 MRSPP-5	0 No Longer Required						-		37 2036		Total	\$0 \$0	\$95	\$0	\$9	\$0	\$10			FY11-Compl		\$13,9
Total IRP Sites	0 MRSPP-6		U IKI	Finai	RC: F	Υ -	1	MKS rma	al RC: F	Y 2030		10tai	<b>3</b> 6	393	φυ	фэ	φυ	310	φυ	J 30	L 111-Combi	ete	φισο
I		0 Total MRSs	1																				
IRP Progres in FY10	S No IRP sites identified.										MMRF	P Progress in FY10:	The technica	al project pla	nning meeti	ng including	project stakel	holders as we	ell as State a	and Federal reg	gulators was held 10	Aug 2010	
	rogress Planned No IRP sites identified.  for FY11-FY12:												The Final Si	ite Inspection	Report is s	cheduled for	completion in	n Sep 2011					

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding

DoD Compo	onent - Installation	/FI	FID / NPL or P	ropose	ed NPI	Z / BR	AC Y	ear / I	RAB / G	CTC I	)elta f	rom F	Y09*											
						Com	pleted	Und	erway	Fut	ure		Schedule		hrough	FY10			xecution			E-4	4-3 C-4-	(\$000)
					Phase	IRP	MMRP	IRP	MMRP	IRP	MMRP	Imp	act**	FY10	(\$000)	Obligate	d (\$000)	Planne	d (\$000)	Estimat	te (\$000)	Esuma	ted Costs	(\$000)
								Sites (A	ctions)			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Wyoming																								
FORMERLY	USED DEFENSE SITE	S - P	OLE MOUNTAIN	/ WY89	799F086	400 / C	-TECH																	
	IRP Sites and MRSs by Cl	assific	ation		Study	1	0	0	1	0	4			\$424	\$10,894	\$0	\$4,288	\$0	\$0	\$0	\$0	FY13	\$0	\$0
Response Complete	1 Response Complete	0			IRA	0(0)	1(1)	0(0)	0(0)					\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY14	\$0	\$0
High	0 MRSPP-1	0	MRSPP-7	0	Design	0	0	0	1	0	3			\$0	\$26	\$0	\$0	\$0	\$0	\$0	\$0	FY15	\$0	\$0
Medium	0 MRSPP-2	0	MRSPP-8	0	RA-C	0	0	0	1	0	3			\$0	\$17	\$0	\$0	\$0	\$0	\$0	\$0	FY16	\$0	\$250
Low	0 MRSPP-3	0	Evaluation Pending	5	RA-O	0	0	0	0	0	0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. IRP	\$0
Not Evaluated	0 MRSPP-4	0	No Known/Suspected	0	LTM	0	0	0	0	0	4			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY11-Comp	. MMRP	\$34,746
Not Required	0 MRSPP-5	0	No Longer Required	0	IRP Fi	nal RC:	FY 200	8	MRS Fina	al RC: F	Y 2099		Total	\$474	\$10,937	\$0	\$4,288	\$0	\$0	\$0	\$0	FY11-Comp	lete	\$34,746
Total IRP Sites	1 MRSPP-6	0	Total MRSs	5																				
IRP Progress in FY10:	No progress reported.											MMRI		The remain	ing field wo		ree MRSs (I					ort for the FY09 fie or the remaining tw		
IRP Progress Planned for FY11-FY12:	No actions planned.										MMRI											e first three MRSs t This RI/FS work m		

<sup>\*</sup>CTC Delta Reason: C-TECH-Technical Issues, C-REG-Regulatory Issues, C-EST-Estimating Criteria \*\*Schedule Impact Reason: TECH-Technical, CONT-Contracting, PERS-Personnel, REG-Regulatory, FUND-Funding Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alabama								
ARMY								
ALABAMA AAP / AL421382000800 / (3)	42	0	2017		\$63,121	\$0	\$1,210	\$0
FORT MCCLELLAN ARNG / AL4211801A3500 / (3)	11	2	2039	2011	\$6,626	\$1,428	\$3,676	\$0
FORT RUCKER / AL421372077600 / (1)	108	7	2040	2015	\$18,210	\$1,236	\$3,499	\$1,982
JFHQ AL ARNG / AL42118010NG00	0	4	-	2021	\$0	\$173	\$0	\$998
MOBILE OMS 28 & 29 / AL421180151200	1	0	2014	-	\$0	\$0	\$612	\$0
AIR FORCE							,	
DOTHAN REGIONAL AIRPORT / AL457282591600	2	0	2015	-	\$0	\$0	\$3,430	\$0
GUNTER AIR FORCE BASE / AL457152418500 / (3)	12	0	2013	-	\$3,637	\$0	\$1,631	\$0
FORMERLY USED DEFENSE SITES							,	
ANNISTON MILITIA TARGET RANGE / AL49799F782100	0	1	-	2068	\$0	\$150	\$0	\$1,235
B'HAM ARMY AF / AL49799F420800	0	1	-	2065	\$0	\$157	\$0	\$1,234
BROOKLEY AFB U SO ALA / AL49799F419700	6	0	2014	-	\$8,222	\$0	\$3,453	\$0
CAMP SHERIDAN / AL49799F786200	0	1	-	2066	\$0	\$150	\$0	\$1,144
CAMP SHERIDAN ARTILLERY RANGE / AL49799FA09700	0	1	-	2061	\$0	\$187	\$0	\$9,332
CAMP SHERIDAN RIFLE RANGE / AL49799FA09600	0	1	-	2064	\$0	\$233	\$0	\$1,357
COURTLAND ARMY AF / AL49799F420900	3	2	2001	2023	\$1,138	\$107	\$0	\$0
CRAIG AFB / AL49799F421000	2	0	2020	-	\$4,285	\$0	\$8,156	\$0
FORT MCCLELLAN / AL49799F427800	1	2	2005	2029	\$1,228	\$132	\$0	\$1,589
GADSDEN ORDNANCE PLANT / AL49799F420600	2	0	2004	-	\$2,202	\$0	\$427	\$0

Installation / FFID		otal r of Sites		il RC Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alabama								
APIER FIELD / AL49799F421500	3	1	2009	2069	\$1,322	\$163	\$233	\$2,153

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC FY)	Costs Ir Throug (\$0			Completion mate (\$000)	Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alaska									Alaska								
ARMY																	
AKIAK FEDERAL SCOUT ARMORY / AK021180245500	1	0	2013	-	\$132	\$0	\$491	\$0	NG KASIGLUK ARMORY / AK021180253100	1	2	2013	2010	\$128	\$106	\$198	\$0
ANGOON FEDERAL SCOUT ARMORY / AK0211802A4700	0	4	-	2013	\$0	\$170	\$0	\$40	NG KIPNUK ARMORY / AK021180254100	1	6	2014	2010	\$119	\$300	\$255	\$0
CRAIG ARMORY / AK0211802A8100	0	1	-	2013	\$0	\$137	\$0	\$18	NG KOTLIK ARMORY / AK021180254900	1	6	2014	2009	\$131	\$398	\$159	\$0
FORT GREELY / AK021452215500 / (2)	72	5	2014	2013	\$44,283	\$392	\$5,959	\$629	NG KWETHLUK ARMORY / AK021180256100	1	7	2013	2009	\$129	\$275	\$156	\$0
HAINES PIPELINE / AK021452214600 / (3)	23	0	2016	-	\$17,955	\$0	\$3,357	\$0	NG MOUNTAIN VILLAGE ARMORY / AK021180258500	1	3	2014	2009	\$129	\$222	\$386	\$0
HOLY CROSS ARMORY / AK021180251800	0	3	-	2013	\$0	\$161	\$0	\$33	NG NAPAKIAK ARMORY / AK021180259100	1	6	2013	2010	\$125	\$306	\$1,148	\$0
HUSLIA FEDERAL SCOUT ARMORY / AK021180213500	0	1	-	2013	\$0	\$137	\$0	\$13	NG NAPASKIAK ARMORY / AK021180259400	1	4	2013	2010	\$123	\$121	\$817	\$0
JFHQ AK ARNG / AK02118020NG00	0	3	-	2020	\$0	\$292	\$0	\$2,278	NG NIGHTMUTE ARMORY / AK021180259700	1	7	2013	2010	\$124	\$285	\$290	\$0
KALTAG FEDERAL SCOUT ARMORY / AK021180253000	0	1	-	2013	\$0	\$137	\$0	\$13	NG NUNAPITCHUK ARMORY / AK021180260800	1	3	2014	2010	\$118	\$133	\$450	\$0
KIVALINA FEDERAL SCOUT ARMORY / AK021180254500	0	1	-	2013	\$0	\$137	\$0	\$13	NG SAVOONGA ARMORY / AK021180262500	1	7	2014	2009	\$130	\$390	\$2,770	\$0
KWIGILLINGOK SCOUT ARMORY / AK021180256500	1	0	2012	-	\$662	\$0	\$0	\$0	NG SCAMMON BAY ARMORY / AK021180263100	1	5	2012	2009	\$976	\$270	\$0	\$0
NEWTOK FEDERAL SCOUT ARMORY / AK021180259600	1	0	2012	-	\$663	\$0	\$0	\$0	NG ST MARYS ARMORY / AK021180265300	1	3	2014	2009	\$116	\$221	\$886	\$0
NG AKIACHAK ARMORY / AK021180245100	1	5	2012	2009	\$1,272	\$167	\$0	\$0	NG STEBBINS ARMORY / AK021180265900	1	2	2014	2009	\$125	\$148	\$1,113	\$0
NG ALAKANUK ARMORY / AK021180245700	1	11	2014	2010	\$133	\$501	\$827	\$0	NG TOKSOOK BAY ARMORY / AK021180267800	1	6	2013	2009	\$125	\$312	\$1,164	\$0
NG EEK ARMORY / AK021180250200	1	7	2013	2010	\$133	\$323	\$929	\$0	NG TUNTUTULIAK ARMORY / AK021180267500	1	3	2013	2010	\$124	\$131	\$462	\$0
NG EMMONAK ARMORY / AK021180256800	1	8	2014	2010	\$107	\$463	\$539	\$0	NG TUNUNAK ARMORY / AK021180267700	1	5	2013	2010	\$125	\$280	\$266	\$0
NG FORT YUKON ARMORY / AK021180251200	1	1	2014	2008	\$117	\$91	\$767	\$0	SELAWIK SCOUT ARMORY / AK021180263500	0	1	-	2013	\$0	\$137	\$0	\$13
NG GAMBELL ARMORY / AK021180251400	1	8	2014	2009	\$288	\$462	\$415	\$0	NAVY								
NG HOOPER BAY ARMORY / AK021180252100	1	9	2013	2009	\$909	\$358	\$0	\$0	AMCHITKA FLTSURSPTDET1 / AK017002752900	11	0	2016	-	\$8,913	\$0	\$234	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estir	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0		FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alaska									Alaska								
POINT BARROW NARL / AK017002724500 / (1) / (3)	14	0	2042		\$48,615	\$0	\$9,753	\$0	OLIKTOK RADIO RELAY STATION / AK057302869100 / (3)	10	0	2011	-	\$1,785	\$0	\$78	\$0
AIR FORCE									POINT BARROW NARL / AK057302869500	4	0	2012	-	\$3,667	\$0	\$956	\$0
ANVIL MOUNTAIN RADIO RELAY STATION / AK057302861600	8	0	2011		\$6,146	\$0	\$0	\$0	PORT HIEDEN RADIO RELAY STATION / AK057302869800 / (3)	8	0	2012	-	\$25,148	\$0	\$521	\$0
BEAR CREEK RADIO RELAY STATION / AK057302861900 / (1) / (3)	7	0	2012	-	\$3,236	\$0	\$797	\$0	SPARREVOHN AIR FORCE STATION / AK057302870900	1	0	2012	-	\$0	\$0	\$1,955	\$0
BETHEL RANGE / AK057302862200	13	0	2014	-	\$6,891	\$0	\$649	\$0	TATALINA AIR FORCE STATION / AK057302871100 / (1) / (3)	17	0	2021	-	\$7,411	\$0	\$4,868	\$0
CAPE LISBURNE LONG RANGE RADAR SITE / AK057302863100	10	0	2012	-	\$23,111	\$0	\$1,894	\$0	WEST NOME TANK FARM / AK057302868600	2	0	2011	-	\$3,133	\$0	\$682	\$0
CAPE NEWENHAM LONG RANGE RADAR SITE / AK057302863200 / (1) / (3)	10	0	2012	-	\$4,065	\$0	\$1,112	\$0	FORMERLY USED DEFENSE SITES	<u> </u>							
CAPE ROMANZOF LONG RANGE RADAR SITE / AK057302863300 / (3)	17	0	2025	-	\$8,670	\$0	\$5,309	\$0	AMAKNAK / AK09799F299500	8	2	2012	2025	\$41,937	\$118	\$1,304	\$3,986
CLEAR AIR FORCE STATION / AK057112863800 / (1) / (3)	25	4	2012	2011	\$10,205	\$1,133	\$1,654	\$0	ANIAK ARPT / AK09799F293100	2	0	2013	-	\$1,951	\$0	\$46	\$0
DRIFTWOOD BAY RADIO RELAY STATION / AK057302864400	1	0	2012	-	\$0	\$0	\$0	\$0	ANNETTE ISL LAND FLD / AK09799F254100	2	0	2016	-	\$14,639	\$0	\$5,456	\$0
DUNCAN CANAL RADIO RELAY STATION (RRS) / AK057302864500	14	0	2011	-	\$1,850	\$0	\$8,876	\$0	ATKA AF AUX FLD / AK09799F709200	2	1	2020	2009	\$420	\$0	\$6,180	\$0
GRANITE MOUNTAIN RADIO RELAY STATION / AK057302865900	20	0	2019	-	\$10,282	\$0	\$71	\$0	BARWELL ISLAND / AK09799F254800	1	0	2011	-	\$288	\$0	\$299	\$0
INDIAN MOUNTAIN RESEARCH / AK057302866200	14	0	2021	-	\$8,355	\$0	\$5,784	\$0	BETHEL BIA HDQRS / AK09799F699900	1	0	2013	-	\$78	\$0	\$1,350	\$0
KALAKAKET CREEK RADIO RELAY STATION / AK057302866400 / (3)	2	0	2011	-	\$9,433	\$0	\$3,734	\$0	BROWNLOW POINT DEW / AK09799F249600	2	0	2015	-	\$2,478	\$0	\$3,749	\$0
LAKE LOUISE / AK057302867500 / (3)	2	0	2012	-	\$2,211	\$0	\$1,213	\$0	CAINES HEAD, FT MCGILV / AK09799F252900	2	0	2012	-	\$449	\$0	\$371	\$0
MURPHY DOME / AK057302867900 / (3)	8	0	2020	-	\$3,558	\$0	\$858	\$0	CAPE PROMINENCE AWS / AK09799F707300	1	0	2015	-	\$35	\$0	\$2,073	\$0
NAKNEK RECREATIONAL CAMP I / AK057302868001 / (1)	7	0	2011	-	\$1,964	\$0	\$0	\$0	CAPE SARICHEF / AK09799F293400	2	0	2015	-	\$3,692	\$0	\$4,931	\$0
NAKNEK RECREATIONAL CAMP II / AK057302868002	5	0	2025	-	\$1,751	\$0	\$3,856	\$0	CAPE YAKATAGA RRS / AK09799F274400	3	0	2019	-	\$4,130	\$0	\$5,835	\$0
NORTH RIVER RADIO RELAY STATION / AK057302868500	6	0	2012	-	\$5,287	\$0	\$2,297	\$0	CATON ISLAND / AK09799F251900	2	0	2017	-	\$94	\$0	\$7,558	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

FY11 to Completion Cost Estimate (\$000)

Defense Environmental Restoration Program

MMRP

FY11 to Completion Cost Estimate (\$000)

MMRP

IRP

Costs Incurred

Through FY10

(\$000)

IRP

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Alaska								
CHERNOFSKI HBR SUP&STO / AK09799F250300	3	0	2015	-	\$900	\$0	\$3,418	\$0
COLLINSON POINT DEW / AK09799F249700	2	0	2015	-	\$4,612	\$0	\$1,951	\$0
DAVIDSON-S LANDING / AK09799F257600	2	0	2013	-	\$3,352	\$0	\$461	\$0
EIELSON FARM ROAD AAA SITE / AK09799FA30400	2	0	2013	-	\$842	\$0	\$6,454	\$0
FORT BABCOCK, SITKA / AK09799F697200	2	0	2015	-	\$136	\$0	\$1,648	\$0
FORT PIERCE / AK09799F255600	1	0	2011	-	\$395	\$0	\$428	\$0
FORT ROUSSEAU, SITKA / AK09799F696900	2	0	2015	-	\$93	\$0	\$2,378	\$0
FT. LEARNARD / AK09799F250700	1	2	2008	2024	\$3,491	\$550	\$0	\$1,891
HOONAH RRS / AK09799F261200 / (3)	3	0	2012	-	\$11,811	\$0	\$73	\$0
LAKE LOUISE / AK09799F709000	1	0	2013	-	\$160	\$0	\$468	\$0
LAKE LOUISE AIRFIELD / AK09799F901000	1	0	2013	-	\$282	\$0	\$1,160	\$0
LAKE PETERS / AK09799F274700	2	0	2011	-	\$231	\$0	\$89	\$0
MANNING POINT DEW / AK09799F249800	3	0	2013	-	\$5,785	\$0	\$2,908	\$0
MIDDLETON ISL AFS / AK09799F264800	1	0	2020	-	\$17	\$0	\$5,340	\$0
NIKE SITE BAY / AK09799F842000	3	0	2013	-	\$439	\$0	\$1,552	\$0
NOME AREA DEF REGION / AK09799F254200	9	0	2011	-	\$20,791	\$0	\$493	\$0
NORTHWAY ACS / AK09799F266700	2	0	2012	-	\$3,205	\$0	\$2,210	\$0
NORTHWAY STAGING FLD / AK09799F282000	5	0	2016	-	\$12,930	\$0	\$5,668	\$0
NUVAGAPAK PT DEW(BAR A / AK09799F250000	2	0	2015	-	\$5,085	\$0	\$4,725	\$0

Total Number of Sites

OCEAN CAPE RR SITE / AK09799F706600	2	0	2018	-	\$682	\$0	\$2,021	\$0
OGLIUGA ISL / AK09799F267000	2	0	2015		\$3,093	\$0	\$3,393	\$0
PORCUPINE RIVER DEW STAGING CAMP / AK09799F900600	3	0	2019	-	\$17	\$0	\$3,865	\$0
SUSITNA GUNNERY RNG / AK09799F271500	0	1	-	2011	\$21	\$2,419	\$0	\$217
TIGALDA ISLAND / AK09799F788700	1	0	2016	•	\$71	\$0	\$2,727	\$0
UGADAGA BAY STA / AK09799F272900	1	0	2017	•	\$4	\$0	\$3,653	\$0
UNALAKLEET AFSTA / AK09799F252600	2	0	2012	•	\$15,718	\$0	\$100	\$0
UNALGA ISL NAV RADIO / AK09799F250500	2	0	2017	•	\$47	\$0	\$5,568	\$0
WILDWOOD AFS / AK09799F273900	4	0	2011	•	\$13,899	\$0	\$3,064	\$0
YAKUTAT AFB / AK09799F703900	2	0	2014	-	\$6,667	\$0	\$9,975	\$0

Total

Number of Sites

IRP MMRP

Installation / FFID

Alaska

Final RC

(FY)

IRP MMRP

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	Т	otal er of Sites	Fina	al RC FY)	Costs I	ncurred gh FY10	FY11 to	Completion mate (\$000)	E Less Than or Equal to \$10,000,0	Т	otal er of Sites		al RC FY)	Costs In	h FY10	FY11 to C	Completion nate (\$000)
Installation / FFID	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Installation / FFID	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
American Samoa									Arizona								
FORMERLY USED DEFENSE SITES									ARMY								
MATAFAO SCHOOL / AS99799F985400	0	1	-	2067	\$0	\$143	\$0	\$2,992	FORT HUACHUCA / AZ921372043400 / (1) / (3)	64	16	2013	2016	\$8,813	\$1,774	\$175	\$3,352
TAFUNA MILITARY RESERVATION / AS99799F692700	1	0	2020	-	\$0	\$0	\$178	\$0	JFHQ AZ ARNG / AZ92118040NG00	0	8	-	2019	\$0	\$298	\$0	\$8,535
USNS TUTUILA / AS99799F692100	0	1	-	2088	\$0	\$162	\$0	\$2,330	PAPAGO MILITARY RESERVATION / AZ9211804B4000 / (2)	9	2	2014	2014	\$1,548	\$1,377	\$284	\$0
VAITOGI RADIO STATION / AS99799F739900	1	0	2018		\$0	\$0	\$31	\$0	AIR FORCE								
									GOLDWATER RANGE / AZ957152413900	54	5	2009	2014	\$4,275	\$1,811	\$0	\$7,260
									LUKE AIR FORCE BASE / AZ957152413300 / (1) / (3)	35	3	2026	2014	\$22,631	\$0	\$3,026	\$4,180
									PAPAGO ANGS / AZ000000000006	2	0	2012	-	\$0	\$0	\$0	\$0
									TUCSON INTERNATIONAL AIRPORT / AZ957282593400	8	0	2017	-	\$18,439	\$0	\$3,176	\$0
									FORMERLY USED DEFENSE SITES	<u> </u>							
									AJO AAF / AZ99799F506600	1	1	1997	2093	\$364	\$255	\$0	\$1,695
									COOLIDGE ARMY AIR FIELD / AZ99799F508100	2	1	1996	2094	\$449	\$184	\$0	\$1,445
									DATELAND A.F. AUXILIARY FIELD / AZ99799F508500	2	1	2001	2099	\$438	\$189	\$0	\$1,516
									DOUGLAS AIR FIELD / AZ99799F510700	1	1	2006	2093	\$389	\$135	\$0	\$2,471
									FLAGSTAFF N.G. TARGER RANGE / AZ99799F511000	0	1	-	2103	\$0	\$180	\$0	\$1,468
									FORT HUACHUCHA / AZ99799FA38900	0	1	-	2075	\$0	\$196	\$0	\$9,636
									HEREFORD ARMY AIRFIELD / AZ99799F512100	0	1	-	2093	\$0	\$171	\$0	\$450
									KINGMAN A AF-FORMER / AZ99799F504300	3	1	2012	2093	\$3,514	\$172	\$5,533	\$1,608
									KINGMAN AIR TO AIR GUN RG / AZ99799F512500	1	1	2004	2011	\$165	\$178	\$0	\$20
									KINGMAN G TO G GUNNERY RANGE / AZ99799F695300	1	1	2004	2105	\$331	\$26	\$0	\$4,420

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

MMRP

FY11 to Completion Cost Estimate (\$000)

MMRP

IRP

Costs Incurred

Through FY10

(\$000)

IRP

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Arizona								
LUKE AIR FORCE RANGE /D/ / AZ99799F514200	0	1	-	2094	\$0	\$155	\$0	\$1,445
PALO ALTO PBR #3 / AZ99799F515300	0	1	-	2040	\$0	\$156	\$0	\$2,861
PALO ALTO PBR #4 / AZ99799F515400	0	1	-	2081	\$0	\$145	\$0	\$4,100
PALO ALTO PBR #5 / AZ99799F515500	0	1	-	2100	\$0	\$153	\$0	\$3,992
PALO ALTO PBR #6 / AZ99799F515600	0	1	-	2077	\$0	\$148	\$0	\$4,202
SAND TANK RADAR STATION / AZ99799FA45300	1	0	2099	-	\$0	\$0	\$0	\$0
WELLTON GRO GUN RGE #1 / AZ99799F518300	0	1	-	2011	\$0	\$140	\$0	\$20
WHIPPLE BARRACKS RESERVATION / AZ99799F818900	1	0	2016	-	\$282	\$0	\$2,233	\$0
WHIPPLE BARRACKS TARGET RANGE / AZ99799F518400	0	1	-	2045	\$0	\$236	\$0	\$7,696
WILLCOX AIR FORCE RANGE / AZ99799F518600	0	1	-	2049	\$0	\$171	\$0	\$7,632
WILLI FD BOMB TAR RGE #12 / AZ99799F518800	0	1	-	2084	\$0	\$513	\$0	\$3,117
WILLI FD BOMB TAR RGE #13 / AZ99799F518900	0	1	-	2087	\$0	\$148	\$0	\$4,852
WILLI FD BOMB TAR RGE #14 / AZ99799F519000	0	1	-	2085	\$0	\$133	\$0	\$2,736
WILLI FD BOMB TAR RGE #22 / AZ99799F519700	0	1	-	2087	\$0	\$148	\$0	\$2,692
WILLI FD BOMB TAR RGE #4 / AZ99799F520000	0	1	-	2083	\$0	\$516	\$0	\$2,810
WILLI FD BOMB TAR RGE #5 / AZ99799F520100	0	1	-	2085	\$0	\$152	\$0	\$2,736
WILLI FD BOMB TAR RGE #7 / AZ99799F520300	0	1	-	2050	\$0	\$163	\$0	\$2,736
WILLIAMS FIED BOMB TAR RGE #10 / AZ99799F518700	0	1	-	2039	\$0	\$525	\$0	\$2,815
WILLIAMS FIED BOMB TAR RGE #9 / AZ99799F520400	0	1	-	2042	\$0	\$519	\$0	\$2,765

WILLIAMS FIELD BOMB TAR RGE #2 / AZ99799F519500	0	1	-	2077	\$0	\$165	\$0	\$7,674
WILMOT N.G. TARGET RANGE / AZ99799F520500	0	1	-	2093	\$0	\$158	\$0	\$1,410
YUCCA A TO A GR RGE / AZ99799F520800	0	1	-	2011	\$0	\$170	\$0	\$20
YUCCA AUXILIARY OPERATING BASE / AZ99799F805700	0	1	-	2093	\$0	\$168	\$0	\$1,434

Total

Number of Sites

IRP MMRP

Installation / FFID

Arizona

Final RC

(FY)

IRP MMRP

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

\$841

\$1,533

Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Arkansas									California								
ARMY									ARMY								
JFHQ AR ARNG / AR62118050NG00	0	1	-	2021	\$0	\$88	\$0	\$768	MOFFETT FIELD USARC / CA92104CA12000	1	0	2011	-	\$417	\$0	\$0	\$0
PINE BLUFF ARSENAL / AR621382070700 / (1) / (3)	74	4	2010	2014	\$15,240	\$434	\$4,515	\$5,221	MTC-H CAMP ROBERTS / CA921180637500 / (2)	48	1	2011	2008	\$5,142	\$142	\$2,529	\$0
AIR FORCE	,			,					OAKLAND ARMY BASE / CA921352066100 / (2)	15	0	2017	-	\$40,989	\$0	\$8,903	\$0
EAKER AFB / AR657002447300 / (1) / (3)	16	9	2061	2002	\$31,027	\$0	\$3,745	\$0	PARKS RESERVE FORCES TRAINING AREA / CA921042213000 / (3)	10	7	2012	2013	\$6,679	\$1,448	\$1,467	\$153
FT SMITH MAP / AR6210450A2000	6	0	2021	-	\$0	\$0	\$1,515	\$0	RIVERBANK ARMY AMMUNITION PLANT / CA921382075900 / (1) / (2)	12	1	2014	2008	\$58,793	\$37	\$1,405	\$0
LITTLE ROCK AIR FORCE BASE / AR657182480800 / (3)	53	1	2028	2011	\$39,729	\$977	\$7,805	\$0	SACRAMENTO ARMY DEPOT / CA921382078000 / (1) / (3)	16	0	2017	-	\$69,241	\$0	\$3,388	\$0
FORMERLY USED DEFENSE SITES									TS AFRC LOS ALAMITOS / CA921180636800 / (2) / (3)								
ARKANSAS ORD PLANT / AR69799F604500	2	1	2005	2047	\$450	\$246	\$0	\$1,242		9	1	2014	2008	\$28,196	\$149	\$9,263	\$0
CAMP CHAFFEE / AR69799F976700	<del> </del>								NAVY	1							
	0	1	-	2034	\$0	\$2,705	\$0	\$4,754	ALAMEDA NMCRC / CA917002423000	2	0	2012	-	\$1,135	\$0	\$493	\$0
SHUMAKER NAVAL AMMO DEPOT / AR69799F604700	4	1	2003	2004	\$1,573	\$3,330	\$139	\$0	AZUSA NCCOSC MORRIS DAM FACILITY / CA917002755100	2	0	2012	-	\$13,323	\$0	\$2,260	\$0
									CROWS LANDING NALF / CA917002757500	9	0	2021	-	\$30,263	\$0	\$6,971	\$0
									DIXON NRTF / CA917002327800	5	1	2027	2014	\$2,330	\$347	\$6,355	\$583
									IMPERIAL BEACH OLF / CA917002378900	5	0	2019	-	\$9,493	\$0	\$9,844	\$0
									LONG BEACH NS / CA917002727200 / (1) / (3)	8	0	2021	-	\$45,602	\$0	\$572	\$0
									LONG BEACH NS SAN PEDRO / CA917002755400	8	0	2017	-	\$6,657	\$0	\$7,230	\$0

LONG BEACH NSY / CA917002319000 / (1) / (3)

NOVATO DOD HOUSING FACILITY / CA917002727500 / (3)

OAKLAND FISC ALAMEDA ANNEX / CA917002755600 / (1)

MONTEREY NPGS / CA917002229800

2015

2013

\$15,122

\$1,390

\$11,834

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC FY)	Costs In Throug (\$0		FY11 to C Cost Estir	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California									California								
POINT MOLATE NAVY FUEL DEPOT / CA917002756300 / (2)	4	0	2043	-	\$60,911	\$0	\$0	\$0	NORTON AFB / CA957002434500 / (1) / (3)	33	5	2024	2010	\$124,348	\$0	\$2,430	\$0
SAN DIEGO FCTC PAC / CA917002437800	1	0	2012	-	\$8,020	\$0	\$205	\$0	SAN DIEGO AIR NATIONAL GUARD STATION / CA000000000005	4	0	2021	-	\$0	\$0	\$1,557	\$0
SAN DIEGO FISC / CA917002428800	5	0	2016	-	\$10,732	\$0	\$3,237	\$0	SAN DIEGO SPACE SURVEILLANCE FIELD STATN / CA917006607900	0	7	-	2012	\$0	\$3,018	\$0	\$3,082
SAN DIEGO MCRD / CA917302257300	8	0	2014	-	\$1,687	\$0	\$115	\$0	SEPULVEDA AIR GUARD STATION / CA957282886800	4	0	2014	-	\$493	\$0	\$236	\$0
SAN DIEGO NCCOSC / CA917002475000	12	1	2018	2014	\$25,228	\$315	\$5,295	\$0	FORMERLY USED DEFENSE SITES								
SAN DIEGO NCTS / CA917002480400	3	0	2012	-	\$3,938	\$0	\$0	\$0	ADVANCED BASE DEPOT-RIFLE RANGE / CA99799F978400	0	1	-	2064	\$0	\$102	\$0	\$8,670
SAN DIEGO NISE WEST / CA917002478600	10	0	2019		\$9,435	\$0	\$3,907	\$0	ALMADEN AIR FORCE STATION / CA99799F590000	2	0	2011	-	\$4,434	\$0	\$565	\$0
SAN DIEGO NSB / CA917002455500	9	0	2018	-	\$1,106	\$0	\$3,021	\$0	ANGELES NATIONAL FOREST / CA99799F525000	3	0	2020	-	\$82	\$0	\$3,331	\$0
SAN DIEGO NTC / CA917002320200	10	0	2015	-	\$37,222	\$0	\$7,181	\$0	ARBUCKLE PRISONER OF WAR CAMP / CA99799F569500	1	0	2018	-	\$18	\$0	\$102	\$0
AIR FORCE					<u> </u>				BAKERSFIELD MUNICIPAL AIRPORT / CA99799F535800	0	1	-	2105	\$0	\$137	\$0	\$4,872
AIR FORCE PLANT 42 / CA957172462700	31	1	2019	2011	\$18,617	\$0	\$7,351	\$0	BANNING RIFLE RANGE / CA99799F536200	0	1	-	2098	\$0	\$171	\$0	\$1,689
CASTLE AFB / CA957002455100 / (1) / (3)	261	1	2044	2008	\$174,937	\$0	\$8,233	\$0	BASIC TRAINING CENTER NO. 8 / CA99799FA26100	2	1	2020	2009	\$1,743	\$1	\$2,185	\$0
CHANNEL ISLANDS AIR NATIONAL GUARD BASE / CA00000000000001	1	0	2021	-	\$0	\$0	\$261	\$0	BEALE AFB ILS OUTER MARKER ANNEX / CA99799F528100	2	0	2017	-	\$12	\$0	\$517	\$0
CUDDEBACK RANGE / NV957212411002	1	6	2009	2012	\$735	\$6,541	\$0	\$0	BEALE AFB TITAN 1-A / CA99799F599600	3	0	2007	=	\$9,258	\$0	\$274	\$0
FRESNO AIR GUARD BASE / CA957282590900	5	0	2022	-	\$5,967	\$0	\$1,768	\$0	BEALE AFB TITAN 1-C / CA99799F599700	2	0	2019	-	\$766	\$0	\$1,585	\$0
HAYWARD MUNICIPAL AIRPORT / CA957282590800	8	0	2014	-	\$2,461	\$0	\$3,871	\$0	BEALE AFB TVOR ANNEX / CA99799F570800	1	0	2012	-	\$13	\$0	\$159	\$0
LOS ANGELES AIR FORCE BASE / CA957172629600	42	0	1998	-	\$10,335	\$0	\$1,160	\$0	BENICIA ARSENAL / CA99799F569900	2	1	2017	2003	\$10,029	\$3,804	\$584	\$912
MOFFETT FLD NAS / CA000000000004	1	0	2021	-	\$0	\$0	\$280	\$0	BIG LAGOON BOMBING TARGET / CA99799F527200	0	1	-	2104	\$0	\$3	\$0	\$8,568
NORTH HIGHLANDS ANGS / CA957282587800	3	0	2021	-	\$251	\$0	\$192	\$0	BLACK POINT COMMUNICATIONS FACILITY ANNEX / CA99799F528200	2	0	2013	-	\$382	\$0	\$445	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		otal er of Sites		al RC FY)		ncurred gh FY10 000)		Completion mate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10		Completion mate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California									California								
																	•
BLYTHE ARMY AIRFIELD / CA99799F537100	1	1	2011	2105	\$484	\$169	\$0	\$3,902	CAMARILLO AIRPRT / CA99799F532900	3	1	2015	2045	\$4,514	\$186	\$855	\$8,710
BODEGA HEAD GUNNERY RANGE / CA99799FA30000	2	1	2011	2152	\$164	\$147	\$0	\$8,248	CAMP ANZA / CA99799F539200	2	0	2012	-	\$1,241	\$0	\$345	\$0
BOLINAS MILITARY RESERVATION / CA99799F570100	1	0	2016	-	\$13	\$0	\$807	\$0	CAMP BEALE / CA99799F736400	1	1	2009	2076	\$14	\$19,923	\$0	\$8,895
BOLSA CHICA MIL RES / CA99799F537300	0	1	-	2012	\$0	\$162	\$0	\$15	CAMP COOKE / CA99799F539500	0	1	-	2067	\$0	\$169	\$0	\$8,967
BOMB TARGET (#78) / CA99799F755900	0	1	-	2075	\$0	\$160	\$0	\$3,720	CAMP FLINT / CA99799F570900	1	0	2012	-	\$112	\$0	\$29	\$0
BOMB TARGET (#79) / CA99799F756000	0	1	-	2076	\$0	\$160	\$0	\$8,158	CAMP KOHLER / CA99799F906600	1	0	2012	-	\$0	\$0	\$50	\$0
BOMB TARGET NO. 5 HOLLISTER / CA99799F727600	0	1	-	2022	\$13	\$182	\$0	\$3,728	CAMP LA MESA / CA99799F540300	0	1	-	2092	\$0	\$127	\$0	\$1,696
BOMBIMG TARGET YUMA RECLAMATION PROJECT / CA99799F753800	0	1	-	2076	\$0	\$152	\$0	\$3,995	CAMP MCQUAIDE / CA99799F571000	2	1	2018	2010	\$1,007	\$9	\$5,122	\$5
BOMBING TARGET (SAN FELIPE)(#67) / CA99799F753600	0	1	-	2075	\$0	\$151	\$0	\$8,158	CAMP PILOT KNOB / CA99799F540400	0	1	-	2104	\$0	\$151	\$0	\$1,710
BRAZIL STREET DEPOT / CA99799F600200	1	0	-	-	\$262	\$0	\$132	\$0	CAMP SEELEY COMBAT FIRING RG / CA99799F540700	0	1	-	2103	\$0	\$123	\$0	\$1,695
BROWN FIELD BOMBING RANGE / CA99799F600000	0	1	-	2082	\$0	\$170	\$0	\$9,162	CARROLL CANYON DEMOLITION AREA / CA99799F541400	0	1	-	2104	\$0	\$127	\$0	\$4,419
CADIZ LAKE SONIC TAR #2 / CA99799F538100	0	1	-	2080	\$0	\$148	\$0	\$7,598	CASTROVILLE AMPHIBIOUS TRAINING AREA / CA99799F572200	2	1	2015	2136	\$27	\$202	\$880	\$3,715
CADIZ LAKE SONIC TAR #3 / CA99799F538200	0	1	-	2080	\$0	\$148	\$0	\$8,952	CENTRAL SIERRA SNOW LABORATORY / CA99799F572300	1	0	2016	-	\$12	\$0	\$857	\$0
CADIZ LAKE SONIC TAR #5 / CA99799F538400	0	1	-	2080	\$0	\$144	\$0	\$7,598	CHICO ARMY AIRFIELD / CA99799F572400	3	0	2014	-	\$887	\$0	\$1,046	\$0
CADIZ LAKE SONIC TARGET #4 / CA99799F538300	0	1	-	2087	\$0	\$156	\$0	\$7,378	CIVILIAN WAR HOUSING PROJECT / CA99799F572600	1	0	2014	-	\$140	\$0	\$695	\$0
CADIZ LAKE SONIC TARGET #6 / CA99799F538500	0	1	-	2081	\$0	\$144	\$0	\$7,598	CLARK'S PASS / CA99799FA33500	0	1	-	2076	\$0	\$180	\$0	\$3,720
CADIZ LAKE SONIC TARGET #7 / CA99799F538600	0	1	-	2079	\$0	\$146	\$0	\$9,120	CONDOR FIELD #3 / CA99799FA32600	0	1	-	2076	\$0	\$166	\$0	\$9,879
CADIZ LAKE SONIC TARGET #8 / CA99799F538700	0	1	-	2054	\$0	\$160	\$0	\$8,122	CONDOR FIELD #4 / CA99799FA32700	0	1	-	2084	\$0	\$163	\$0	\$6,387
CADIZ LAKE SONIC TARGET #9 / CA99799F538800	0	1	-	2094	\$0	\$145	\$0	\$8,985	DAGGETT ARMY AIRFIELD / CA99799F542400	2	1	2011	2099	\$1,975	\$149	\$0	\$2,942

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Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)	Installation / FFID		otal er of Sites		aal RC FY)	Costs In Throug (\$0	h FY10		Completion mate (\$000
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California									California								
DEL MAR ARMY BASE / CA99799F711800	2	0	2020	-	\$0	\$0	\$1,141	\$0	GUSTINE BOMBING RANGE / CA99799FA29700	0	1	-	2035	\$0	\$180	\$0	\$4,89
D-Q UNIVERSITY / CA99799F600300	3	0	2014	-	\$3,898	\$0	\$3,310	\$0	HANFORD CHEMICAL WARFARE SERVICE WAREHOUSE / CA99799F863600	1	0	2014	-	\$11	\$0	\$925	\$
EL CENTRO BOMBING TARGET SITE (GILBY)(#69) / CA99799F754300	0	1	-	2074	\$0	\$152	\$0	\$4,264	HAYFORK GAP FILLER ANNEX / CA99799F576100	2	0	2014	-	\$527	\$0	\$1,622	\$
EL CENTRO ROCKET TARGET NO.1 (#92) / CA99799F753900	0	1	-	2084	\$0	\$156	\$0	\$6,016	HAYWARD ARMY AIRFIELD / CA99799F576200	2	0	2019	-	\$30	\$0	\$9,213	\$
EMERYVILLE ORDNANCE DEPOT / CA99799F863800	1	0	2015	-	\$0	\$0	\$926	\$0	HOLTVILLE ROCKET TARGET IR (#94) / CA99799F755700	0	1	-	2045	\$0	\$158	\$0	\$9,01
FORT BAKER / CA99799F868600	1	1	2020	2010	\$2,160	\$164	\$1,284	\$5	HOLTVILLE ROCKET TARGET RANGE / CA99799FA50500	0	1	-	2031	\$0	\$162	\$0	\$8,29
FORT CRONKHITE / CA99799F689700	2	0	2016	-	\$484	\$0	\$2,200	\$0	HOLTVILLE TARGET (BT) NO.3 / CA99799F755600	0	1	-	2042	\$0	\$158	\$0	\$3,96
FORT FUNSTON / CA99799F986100	1	1	2011	2001	\$1,085	\$1	\$312	\$0	HUNTERS POINT SHIPYARD ANNEX / CA99799F592900	3	0	2016	-	\$505	\$0	\$2,908	\$
FORT MASON / CA99799F868500	1	0	2013	-	\$635	\$0	\$2,508	\$0	HUR SUPPORT RES SITE / CA99799F728000	2	0	2016	-	\$0	\$0	\$56	\$
FORT MASON PORT OF EMBARKATION / CA99799F582200	1	0	2020	-	\$192	\$0	\$4,802	\$0	INYOKERN AIRFIELD / CA99799F546600	1	1	1998	2102	\$688	\$140	\$0	\$3,73
FORT MOJAVE RESERVATION / CA99799FA35800	0	1	-	2012	\$0	\$276	\$0	\$20	IRVINE PARK- ARMY CAMP / CA99799F995200	0	1	-	2105	\$0	\$164	\$0	\$8,82
FRANKLIN AUXILIARY FIELD NO. 6 / CA99799F574700	2	0	2018	-	\$14	\$0	\$884	\$0	JANESVILLE GAP FILLER ANNEX / CA99799F576900	1	0	2013	-	\$139	\$0	\$784	\$
FRENCHMAN CREEK CAMP / CA99799F824400	1	0	2012	-	\$0	\$0	\$289	\$0	JENNER BOMBING TARGET / CA99799F593500	1	1	2011	2116	\$160	\$170	\$0	\$4,59
GARDNER FIELD / CA99799F544900	0	2	-	2016	\$0	\$388	\$0	\$2,339	JENNER RADAR SITE B-76 / CA99799F583100	1	1	2014	1996	\$12	\$7	\$57	\$
GAVILAN PLATEAU MANEUVER AREA / CA99799F545000	0	1	-	2087	\$0	\$176	\$0	\$5,368	JET PROPULSION LAB / CA99799F546700	1	0	2018	-	\$561	\$0	\$113	\$
GOFFS CAMPSITE / CA99799F545100	0	1	-	2077	\$0	\$173	\$0	\$3,334	KANE SPRINGS SBT (#62) / CA99799F755800	0	1	-	2046	\$0	\$181	\$0	\$9,16
GOLDEN GATE NATIONAL RECREATION AREA / CA99799F522200	2	0	2018	-	\$3,825	\$0	\$2,293	\$0	LAKE CHABOT MACHINE GUN RANGE / CA99799F591400	2	1	2012	2009	\$525	\$2	\$143	\$
GRAND CENTRAL AIR TERMINAL / CA99799F545200	2	0	1996	-	\$695	\$0	\$113	\$0	LAYTONVILLE GAP FILLER ANNEX / CA99799F577600	1	0	2015	-	\$0	\$0	\$774	\$
GRIZZLY CREEK CAMP / CA99799F587200	1	0	2013	-	\$0	\$0	\$170	\$0	LINCOLN AUXILIARY FIELD A-2 / CA99799F578200	1	0	2015	-	\$17	\$0	\$1,831	\$

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Installation / FFID		otal er of Sites		al RC FY)	Throug	ncurred gh FY10 000)		Completion mate (\$000)	Installation / FFID		Total er of Sites		al RC FY)	Costs In Throug (\$0			Completion mate (\$000
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California									California								
LINCOLN RADIO BEACON ANNEX / CA99799F578400	1	0	2011		\$15	\$0	\$0	\$0	NAVAL AIR STATION MOFFETT FIELD / CA99799F594300	1	0	2011	-	\$12	\$0	\$0	\$(
LINDA VISTA VALLEY AUX. LANDING FIELD- NAVY / CA99799FA05900	0	1	-	2040	\$0	\$186	\$0	\$3,579	NAVAL AIR STATION OAKLAND / CA99799F594600	2	0	2014		\$2,851	\$0	\$1,365	\$1
LITTLE DEVIL'S SLIDE MILITARY RESERVATION / CA99799F578500	1	0	2018	-	\$49	\$0	\$563	\$0	NAVAL AUXILIARY AIR STATION / CA99799FA07800	1	1	2012	2095	\$1,908	\$135	\$1,844	\$65
LIVERMORE GUNNERY RANGE / CA99799FA30600	2	1	2014	2010	\$453	\$8	\$170	\$0	NAVAL AUXILIARY AIR STATION ARCATA / CA99799F573900	2	1	2011	1999	\$2,574	\$0	\$0	\$6
LIVERMORE NAVY AUXILIARY FIELD / CA99799FA30500	1	0	2013	-	\$0	\$0	\$252	\$0	NAVAL AUXILIARY AIR STATION HOLLISTER / CA99799F593100	1	0	2012	-	\$408	\$0	\$321	\$6
LONG BEA MUNICIPAL AIRPORT / CA99799F550500	0	1	-	2098	\$0	\$174	\$0	\$2,780	NAVAL AUXILIARY AIR STATION SANTA ROSA / CA99799F600100	2	0	2016	-	\$7,721	\$0	\$1,545	\$6
LOS ANGELES MUNICIPAL AIRPORT / CA99799F549000	0	1	-	2104	\$0	\$169	\$0	\$641	NAVAL AUXILIARY AIR STATION VERNALIS / CA99799FA30300	3	1	2011	2009	\$928	\$3	\$0	\$6
MARCH AFB - POORMAN GUNNERY RANGE / CA99799FA42700	0	1	-	2104	\$0	\$148	\$0	\$1,702	NAVAL AUXILIARY AIR STATION WATSONVILLE / CA99799F962800	2	0	2012	-	\$505	\$0	\$890	\$6
MARCH FIELD / CA99799F999100	0	1	-	2066	\$0	\$265	\$0	\$1,950	NAVAL AUXILIARY LANDING FIELD CROWS LANDING / CA99799F833100	1	1	2017	2009	\$271	\$57	\$1,125	\$6
MARINE CORPS AIRSTATION MOJAVE / CA99799F599400	2	1	2012	2093	\$3,345	\$175	\$1,335	\$4,157	NAVAL INDUSTRIAL REPAIR FACILITY OAKLAND / CA99799F598000	1	0	2014	-	\$0	\$0	\$2,354	\$1
MARINE CORPS LOGISTICS BASE, BARSTOW / CA99799F695100	0	1	-	2105	\$0	\$147	\$0	\$5,720	NIRF (UNDERSEA CENTER) / CA99799F594700	3	2	2013	2005	\$1,119	\$77	\$105	\$1
MARINE PARACHUTE SCHOOL LA MESA / CA99799FA06700	0	1	-	2081	\$0	\$159	\$0	\$1,958	OAKLAND AREA HOSPITAL SITE / CA99799F581100	1	0	2014	-	\$15	\$0	\$994	\$1
MARYSVILLE ARMY AIRFIELD / CA99799F579000	2	0	2019	-	\$912	\$0	\$1,804	\$0	OAKLAND MUNICIPAL AIRPORT / CA99799F581200	2	1	2017	2009	\$13	\$1	\$3,178	\$1
MARYSVILLE JAPANESE RECEPTION CENTER / CA99799F579100	1	0	2017	-	\$0	\$0	\$301	\$0	OAKLAND MUNICIPAL AIRPORT DETACHMENT HOUSING SITE / CA99799F581000	1	0	2013	-	\$15	\$0	\$1,053	\$1
MIDWAY VILLAGE / CA99799F591100	1	0	-	-	\$30	\$0	\$146	\$0	ONTARIO ARMY AIRFIELD / CA99799F686800	1	1	-	2040	\$274	\$110	\$313	\$1,822
MINTER FIELD AIRPORT / CA99799F551900	2	0	2011	-	\$645	\$0	\$223	\$0	OROVILLE ARMY AIRFIELD / CA99799F581400	3	0	2014	-	\$742	\$0	\$704	\$6
MOUNT CAMPBELL RIFLE RANGE / CA99799F580200	2	1	2015	2009	\$395	\$5	\$579	\$0	OROVILLE PRECISION BOMBING RANGE / CA99799F581600	2	0	2011	-	\$4	\$0	\$0	\$6
MOUNT OWEN RIFLE RANGE / CA99799F580300	2	1	2012	2009	\$646	\$2	\$1,183	\$0	PARKS AFB / CA99799FA50600	2	0	2020	-	\$308	\$0	\$6,708	\$1
MOUNT PIERCE RADIO RELAY ANNEX / CA99799F580400	1	0	2014	-	\$0	\$0	\$107	\$0	PARR RICHMOND TERMINAL NO. 1 / CA99799F582000	1	0	2015	-	\$162	\$0	\$6,757	\$6

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Installation / FFID		otal er of Sites		al RC FY)		ncurred th FY10 00)		Completion mate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California									California								
PETALUMA BOMBING TARGET / CA99799FA30800	2	0	2011	-	\$82	\$0	\$0	\$0	SALINAS GARRISON / CA99799F584600	1	0	2017	-	\$196	\$0	\$387	\$0
PILLAR POINT MILITARY RESERVATION / CA99799F582100	1	0	2016	-	\$13	\$0	\$706	\$0	SALINE VALLEY ATA GUN RGE / CA99799F558100	0	1	-	2012	\$0	\$220	\$0	\$15
POINT CABRILLO RADAR SIMULATOR ANNEX / CA99799F582600	2	0	2016	-	\$161	\$0	\$609	\$0	SALTON SEA BOMB TARGET (FBT 11)(#52) / CA99799F756500	0	1	-	2075	\$0	\$64	\$0	\$492
POINT LOBOS SEARCHLIGHT POSITION / CA99799F582700	1	0	2012	-	\$13	\$0	\$214	\$0	SALTON SEA BOMB TARGET (FBT 15)(#56) / CA99799F756900	0	1	-	2017	\$0	\$72	\$0	\$417
POINT REYES DATUM POINT & ACCESS ROAD / CA99799F582800	1	0	2016	-	\$12	\$0	\$652	\$0	SALTON SEA BOMB TARGET (FBT 16)(#57) / CA99799F757000	0	1	-1	2092	\$0	\$133	\$0	\$3,878
PORT HUENEME S/COAST DEF SITE / CA99799F556100	0	1	-	2012	\$0	\$102	\$0	\$15	SALTON SEA BOMB TARGET(10)(#51) / CA99799F756400	0	1		2017	\$0	\$64	\$0	\$417
PORTERVILLE ARMY AIRFIELD / CA99799F582300	1	0	2014	=	\$0	\$0	\$231	\$0	SALTON SEA BOMB TARGET(9)(#50) / CA99799F756300	0	1	- 1	2041	\$0	\$66	\$0	\$79
PRESUMED BOMBING SITE SAFETY AREA / CA99799F758000	0	1	-	2076	\$0	\$69	\$0	\$3,432	SALTON SEA BOMB TARGET(FBT 12)(#53) / CA99799F756600	0	1	- 1	2017	\$0	\$69	\$0	\$417
RAMONA BOMBING TARGET/EMERGENY / CA99799F596400	0	1	-	2046	\$0	\$178	\$0	\$3,564	SALTON SEA BOMB TARGET(FBT 13)(#54) / CA99799F756700	0	1	-	2017	\$0	\$66	\$0	\$417
RED BLUFF AIR FORCE STATION / CA99799F583400	2	0	2011	-	\$295	\$0	\$0	\$0	SALTON SEA BOMB TARGET(FBT 14)(#55) / CA99799F756800	0	1	-	2017	\$0	\$68	\$0	\$417
REDDING ARMY AIRFIELD / CA99799F583600	2	1	2019	2009	\$1,098	\$0	\$2,867	\$0	SALTON SEA BOMB TARGET(FBT 17)(#58) / CA99799F757100	0	1	-	2044	\$0	\$133	\$0	\$4,203
REQUA AIR FORCE STATION / CA99799F522400	2	0	2017	-	\$1,834	\$0	\$2,545	\$0	SALTON SEA BOMB TARGET(FBT 18)(#59) / CA99799F757200	0	1	-1	2017	\$0	\$66	\$0	\$417
RIALTO AMMUNITION STORAGE POIT / CA99799F557900	2	1	2000	1995	\$208	\$0	\$164	\$0	SALTON SEA BOMB TARGET(FBT 19)(#60) / CA99799F757300	0	1	- 1	2091	\$0	\$146	\$0	\$1,242
ROSEDALE FIELD AND BOMBING TARGET / CA99799F594000	0	1	-	2068	\$0	\$262	\$0	\$3,986	SALTON SEA SKIP BOMB TARGET (#61) / CA99799F757400	0	1	- 1	2017	\$0	\$132	\$0	\$531
RUSSIAN GULCH CAMP SITE / CA99799F584100	1	0	2013	-	\$12	\$0	\$207	\$0	SAN BERNARDINO CWS PL / CA99799F559000	1	1	2006	2024	\$14	\$180	\$0	\$3,963
SACRAMENTO DISTRICT ENGINEER YARD-WEIR AREA / CA99799F573800	1	0	2014	-	\$13	\$0	\$854	\$0	SAN FRANCISCO AAA BATTERY 12 / CA99799F584900	1	0	2012	-	\$0	\$0	\$259	\$0
SACRAMENTO ENGINEERING DEPOT / CA99799F584200	1	0	2014	-	\$16	\$0	\$244	\$0	SAN FRANCISCO AAA BATTERY 40 / CA99799F585000	3	0	2017	-	\$13	\$0	\$568	\$0
SACRAMENTO MUNICIPAL AIRPORT / CA99799F584300	2	0	2017	-	\$12	\$0	\$3,074	\$0	SAN FRANCISCO AAA BATTERY 61-N / CA99799F585100	1	0	2012	-	\$13	\$0	\$209	\$0
SALINAS ARMY AIRFIELD / CA99799F584500	2	1	2018	2022	\$2,880	\$192	\$2,423	\$3,910	SAN FRANCISCO DEFENSE AREA SITE 61-R / CA99799F586000	2	0	2016		\$13	\$0	\$292	\$0

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Installation / FFID		otal er of Sites		al RC FY)		ncurred gh FY10 000)	FY11 to C Cost Estin	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)		ncurred th FY10 00)	FY11 to C Cost Estin	Completion mate (\$000
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California									California								
SAN FRANCISCO MUNICIPAL AIRPORT / CA99799F586100	1	0	2012	-	\$0	\$0	\$440	\$0	STANISLAUS BOMBING TARGET / CA99799F596900	0	1	-	2141	\$0	\$153	\$0	\$4,63
SAN FRANCISCO NIKE BATTERY 25 / CA99799F585300	2	0	2017	-	\$327	\$0	\$177	\$0	STINSON BEACH FIRE CONTROL STATION / CA99799F587000	1	1	2016	2001	\$12	\$0	\$146	s
SAN FRANCISCO NIKE BATTERY 51 SWEENEY RIDGE / CA99799F690100	2	0	2012	-	\$158	\$0	\$347	\$0	STOCKTON MILITARY AIRFIELD / CA99799F523400	1	1	-	2009	\$0	\$0	\$242	\$
SAN FRANCISCO NIKE BATTERY 59 / CA99799F585600	1	0	2011	-	\$13	\$0	\$0	\$0	STOCKTON ORDNANCE DEPOT / CA99799FA30400	1	0	2016	-	\$0	\$0	\$49	s
SAN FRANCISCO NIKE BATTERY 93 / CA99799F585900	2	0	2017	-	\$459	\$0	\$1,305	\$0	SUNNYVALE ORDNANCE DEPOT / CA99799F863700	1	0	2015	-	\$0	\$0	\$884	\$
SAN FRANCISCO TRANS-OCEANIC RECEIVER STATION SITE / CA99799F586200	1	0	2012	-	\$13	\$0	\$189	\$0	TEMECULA BOMBING RANGE #2 / CA99799FA47800	0	1	-	2064	\$0	\$164	\$0	\$8,93
SAN RAFAEL BIVOUAC AREA / CA99799F584700	1	0	2013	-	\$13	\$0	\$123	\$0	THERMAL GRD AIR STA BASE / CA99799F563700	1	1	2004	2106	\$238	\$167	\$0	\$5,90
SANTA BARBARA MUN AIRPORT / CA99799F691200	1	1	1995	2102	\$1,509	\$109	\$0	\$1,697	THIRD & ARMY STREET PROPERTY / CA99799F587400	1	0	2013	-	\$13	\$0	\$784	\$
SANTA CATALINA IS BOMBING AREA / CA99799F596300	0	1	-	2123	\$0	\$183	\$0	\$3,965	THORNTON BEACH MILITARY RESERVATION / CA99799F587500	1	0	2012	-	\$0	\$0	\$216	\$
SANTA MARIA AAF / CA99799F562100	2	0	1997	-	\$53	\$0	\$1,678	\$0	TRACY AUXILIARY FIELD NO. 5 / CA99799F587700	2	0	2015	-	\$293	\$0	\$711	\$
SANTA ROSA FEDERAL CENTER / CA99799F691700	2	0	2017	-	\$105	\$0	\$787	\$0	TRAVIS AFB NIKE BATTERY 10 / CA99799F587900	2	0	2019	-	\$561	\$0	\$2,906	\$
SANTA ROSA ISLAND AFS / CA99799F533500	1	0	2011	-	\$195	\$0	\$0	\$0	TRAVIS AFB NIKE BATTERY 33 / CA99799F588000	2	0	2015	-	\$13	\$0	\$216	\$
SECTION, SEAPLANE, LIGHTER THAN AIR BASE / CA99799FA12700	1	1	2014	2008	\$0	\$1	\$328	\$0	TRAVIS AFB NIKE BATTERY 53 / CA99799F588100	1	0	2011	-	\$0	\$0	\$0	\$
SHARPE ARMY DEPOT / CA99799F586300	1	0	2013	-	\$268	\$0	\$997	\$0	TRINIDAD BOMBING TARGET / CA99799FA30700	1	1	2013	2010	\$0	\$174	\$960	\$
SHEEP HOLE MOUNTAINS SONIC BOMB TARGET #1 / CA99799FA32900	0	1	-	2091	\$0	\$232	\$0	\$4,909	TULE LAKE PRISONER OF WAR CAMP / CA99799F914800	1	0	2016	-	\$0	\$0	\$878	\$
SHEEP HOLE MOUNTAINS SONIC BOMB TARGET #2 / CA99799FA33000	0	1	-	2097	\$0	\$232	\$0	\$5,521	TURLOCK BOMB LOADING PLANT / CA99799F588400	2	0	2015	-	\$0	\$0	\$2,109	\$
SISKIYOU COUNTY AIRPORT / CA99799F586500	2	1	2014	2010	\$636	\$176	\$2,869	\$0	TURLOCK REHABILITATION CENTER / CA99799F588500	1	1	2013	2009	\$14	\$2	\$216	\$
SISKIYOU PETROLEUM, OIL & LUBRICANTS ANNEX / CA99799F529900	1	0	2011	-	\$127	\$0	\$0	\$0	TUSTIN NATIL GUARD RIFLE RANGE / CA99799F564100	0	1	-	2092	\$0	\$171	\$0	\$1,65
SOLEDAD PRISONER OF WAR CAMP / CA99799F586600	1	0	2012	-	\$0	\$0	\$260	\$0	TWO ROCK RANCH STATION / CA99799F588600	2	1	2012	2009	\$28	\$54	\$127	\$

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC FY)		ncurred th FY10 100)	FY11 to C Cost Estir	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Through (\$00	h FY10	FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
California									California								
U.S. ARMY RESERVE CENTER / CA99799F588800	1	0	2013	-	\$17	\$0	\$190	\$0	VICTORVILLE PBR NO 9 / CA99799F567900	0	1	-	2084	\$0	\$152	\$0	\$3,090
UNIV OF CAL, SANTA BARBARA / CA99799F691300	2	0	2012	-	\$1,120	\$0	\$0	\$0	VICTORVILLE PBR NO. 2 / CA99799F567100	0	1	-	2040	\$0	\$173	\$0	\$2,548
UPPER LAKE DISTRICT NAVY CAMP / CA99799F524900	3	0	2014		\$81	\$0	\$372	\$0	VICTORVILLE PBR NO. 20 / CA99799F567200	0	1	-	2040	\$0	\$236	\$0	\$2,548
VAN NUYS AAF / CA99799F534600	0	1	-	2040	\$0	\$267	\$0	\$7,131	VICTORVILLE PBR NO. 7 / CA99799F567700	0	1	-	2058	\$0	\$165	\$0	\$2,548
VERNALIS BOMB TARGET NO. 6 / CA99799FA49800	0	1	-	2151	\$0	\$165	\$0	\$3,044	VICTORVILLE PBR NO.10 / CA99799F566100	0	1	-	2088	\$0	\$154	\$0	\$2,600
VHF SITE 4K4 MILITARY RESERVATION / CA99799F589200	1	0	2011	-	\$206	\$0	\$62	\$0	VICTORVILLE PBR Y / CA99799F568000	0	1	-	2040	\$0	\$164	\$0	\$3,090
VICTORVILLE PBR N-3 / CA99799F565900	0	1	-	2047	\$0	\$165	\$0	\$2,547	VICTORVILLE PBR Z / CA99799FA33300	0	1	-	2093	\$0	\$176	\$0	\$6,226
VICTORVILLE PBR NO 1 / CA99799F566000	0	1	-	2047	\$0	\$171	\$0	\$2,547	VICTORVILLE PRE BOMB RANGE N-1 / CA99799F565700	0	1	-	2088	\$0	\$189	\$0	\$2,548
VICTORVILLE PBR NO 11 / CA99799F566200	0	1	-	2085	\$0	\$146	\$0	\$3,090	VICTORVILLE PRECISION BR NO 5 / CA99799F567500	0	1	-	2116	\$0	\$189	\$0	\$0
VICTORVILLE PBR NO 12 / CA99799F566300	0	1	-	2086	\$0	\$158	\$0	\$3,305	VISALIA ARMY AIRFIELD / CA99799F589500	1	1	2012	2001	\$0	\$0	\$133	\$0
VICTORVILLE PBR NO 13 / CA99799F566400	0	1	-	2058	\$0	\$170	\$0	\$2,600	WILSHIRE OIL CO. / CA99799FA48700	1	0	-	-	\$318	\$0	\$1,121	\$0
VICTORVILLE PBR NO 14 / CA99799F566500	0	1	-	2084	\$0	\$152	\$0	\$3,090	WINDSOR PRISONER OF WAR LABOR CAMP / CA99799F590400	2	0	2018	-	\$0	\$0	\$0	\$0
VICTORVILLE PBR NO 15 / CA99799F566600	0	1	-	2058	\$0	\$161	\$0	\$3,090	WINONA BT 1 (#90) / CA99799F755200	0	1	-	2020	\$0	\$1,781	\$0	\$7,804
VICTORVILLE PBR NO 16 / CA99799F566700	0	1	-	2085	\$0	\$148	\$0	\$2,599	WINONA BT 2 (#91) / CA99799F755300	0	1	-	2018	\$0	\$578	\$0	\$8,856
VICTORVILLE PBR NO 19 / CA99799F567000	0	1	-	2058	\$0	\$166	\$0	\$2,587	YERBA BUENA ISLAND / CA99799F590600	1	0	2012	-	\$77	\$0	\$64	\$0
VICTORVILLE PBR NO 3 / CA99799F567300	0	1	-	2047	\$0	\$167	\$0	\$2,548	YOLO COUNTY AIRPORT / CA99799F530000	2	1	2019	2009	\$358	\$1	\$2,209	\$0
VICTORVILLE PBR NO 4 / CA99799F567400	0	1	-	2058	\$0	\$166	\$0	\$2,548	YREKA GAP FILLER ANNEX / CA99799F590700	1	0	2017	-	\$116	\$0	\$218	\$0
VICTORVILLE PBR NO 6 / CA99799F567600	0	1	-	2084	\$0	\$151	\$0	\$3,090									
VICTORVILLE PBR NO 8 / CA99799F567800	0	1	-	2040	\$0	\$168	\$0	\$2,548									

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

1 to \$10 000 000

Table E-7 IRP/MMRP Status of	of Insta	allatior	ns with	FY11	to Com	pletior	ı Cost l	Estimat	e Less Than or Equal to \$10,000,0	000			Defense	Environn	nental Re	storation	Program
Installation / FFID		Cotal er of Sites		al RC FY)	Costs In Throug (\$0		FY11 to C Cost Estin	Completion mate (\$000)	Installation / FFID		Total er of Sites		al RC FY)	Costs In Through (\$00	h FY10		Completion mate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Colorado									Connecticut								
ARMY									ARMY								
FIRESTONE CSMS / CO821180861200	0	1	-	2017	\$0	\$2,572	\$0	\$600	ILT JOHN S TURNER USARC / CT121041AB1800	5	0	2014	-	\$197	\$0	\$877	\$0
NAVY			u.						JFHQ CT ARNG / CT12118090NG00	0	3	-	2021	\$0	\$173	\$0	\$2,328
LOWRY AFB ARMFORAITC / CO817003101600	5	1	2002	2011	\$111	\$6,708	\$0	\$0	NAVY			<u> </u>				<u> </u>	
AIR FORCE	,	•				,			EAST LYME NUWC / CT117003000100	1	0	2044	-	\$558	\$0	\$4,237	\$0
LOWRY AFB / CO857002413000 / (1) / (3)	20	5	2017	2007	\$101,560	\$600	\$0	\$0	AIR FORCE			<u> </u>					<u>                                     </u>
PETERSON AIR FORCE BASE / CO857112419100	10	9	2011	2014	\$3,387	\$2,960	\$0	\$2,641	BRADLEY IAP (EAST GRANBY) / CT157282678300 / (3)	7	0	2015	-	\$2,599	\$0	\$1,663	\$0
USAF ACADEMY / CO857292492800	14	0	2008	-	\$10,181	\$0	\$1,460	\$0	ORANGE AIR GUARD STATION / CT157282845600	2	0	2014	-	\$3,298	\$0	\$1,150	\$0
FORMERLY USED DEFENSE SITES	5								FORMERLY USED DEFENSE SITES								
FE WARREN AFB FAC SITE 11 / CO89799F052500	1	0	2015	-	\$1,549	\$0	\$4,942	\$0	BOMBING AREA (CT) / CT19799F176700	0	1		2023	\$0	\$176	\$0	\$4,861
FE WARREN AFB FAC SITE 12 / CO89799F052700	2	0	2014		\$5,364	\$0	\$4,447	\$0			,		,				
FE WARREN AFB FAC SITE 13 / CO89799F052800	2	0	2014	-	\$1,658	\$0	\$3,256	\$0									
LAJUNTA ARMY AIR FIELD / CO89799F057500	1	1	1996	2025	\$68	\$87	\$0	\$1,423									
LOWRY AFB S-1 (COMPLEX 1B) / CO89799F694300	2	0	2011	-	\$4,219	\$0	\$844	\$0									
LOWRY AFB S-1 (COMPLEX 1C) / CO89799F694400	2	0	2015		\$2,962	\$0	\$6.712	\$0									

\$1,336

\$6,609

\$4,027

\$9,649

\$1,263

LOWRY AFB S-2 (COMPLEX 2C) / CO89799F694600

LOWRY AFB S-3 (COMPLEX 2B) / CO89799F694700

TRINIDAD AIR TO AIR GUNNERY RGE / CO89799F058800

PUEBLO PRE BOMB RGE #1 / CO89799F058500

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC Y)	Costs In Through (\$00	n FY10		Completion mate (\$000)	Installation / FFID		otal er of Sites		al RC Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Delaware									District of Columbia								
ARMY									NAVY								
JFHQ DE ARNG / DE32118100NG00	0	1	•	2019	\$0	\$89	\$0	\$931	ANACOSTIA NS / DC317002756200 / (2)	6	2	2013	2013	\$3,595	\$132	\$97	\$0
RIVER ROAD TRAINING SITE / DE321181060500	0	2	-	2020	\$0	\$142	\$0	\$1,510	WASHINGTON DC NAVOBSY / DC317002345400	1	0	2013	-	\$791	\$0	\$103	\$0
AIR FORCE						,			WASHINGTON NAVY YARD / DC317002431000	31	1	2017	2011	\$34,670	\$709	\$5,282	\$0
NEW CASTLE COUNTY AIRPORT (WILMINGTON) / DE357282427400	7	0	2014	-	\$8,460	\$0	\$690	\$0	WASHINGTON NRL / DC317002431100	3	5	2012	2012	\$22	\$380	\$0	\$1,727
FORMERLY USED DEFENSE SITES									▲ AIR FORCE								
DELAWARE TARGET AREAS / DE39799F133400	1	2	1995	2024	\$0	\$608	\$0	\$6,614	BOLLING AIR FORCE BASE / DC357042444300 / (1) / (3)	23	0	2012	-	\$15,489	\$0	\$1,300	\$0
DOVER AFB PRECISION BOMB RANGE / DE39799F133500	0	1	-	2023	\$0	\$188	\$0	\$4,623	FORMERLY USED DEFENSE SITES	<u> </u>							
GOVERNOR BACON HEALTH CENTER / DE39799F134200	3	1	1998	2007	\$534	\$171	\$56	\$0	SPRING VALLEY / DC39799F833000	3	2	2012	2012	\$78,880	\$111,171	\$3,043	\$4,284
NEW CASTLE AAF / DE39799F135900	2	1	2000	2035	\$654	\$187	\$0	\$2,260		•							

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC (Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal r of Sites		al RC (Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
Florida	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Florida	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
ARMY																	
AVIATION SUPPLY FACILITY, 49-A / FL4210023DA200	4	0	2012		\$0	\$0	\$97	\$0	BELL TARGET / FL49799F469100	0	1	-	2052	\$0	\$157	\$0	\$2,462
MTC CAMP BLANDING / FL421181215600	2	0	2042	-	\$815	\$0	\$7,465	\$0	BLACK CREEK BOMB TARGET / FL49799F468900	0	1	-	2033	\$0	\$170	\$0	\$2,485
NAVY	•			,					BOCA RATON AAF / FL49799F439200	0	1	-	2069	\$0	\$86	\$0	\$2,429
JACKSONVILLE FISC / FL417002204000	4	0	2018		\$2,736	\$0	\$3,687	\$0	BOSTWICK BOMB TARGET / FL49799F471200	0	1	-	2101	\$0	\$155	\$0	\$6,861
MAYPORT NS / FL417002378800	45	0	2041	-	\$36,893	\$0	\$5,054	\$0	BROOKSVILLE AAF / FL49799F436300	0	1	_	2012	\$542	\$2,797	\$0	\$323
ORLANDO NTC / FL417002473600 / (1)	14	0	2021	-	\$40,653	\$0	\$8,610	\$0	BROOKSVILLE TURRET GUNNERY RANGE / FL49799F462600	0	1	_	2011	\$0	\$11,106	\$0	\$3,092
PANAMA CITY CSS / FL417002379200 / (1) / (3)	20	0	2019	-	\$14,375	\$0	\$877	\$0	BUSHNELL ARMY AIRFIELD / FL49799F436400	2	1	2006	2014	\$3,817	\$104	\$1,240	\$439
PENSACOLA NTTC CORRY STATION / FL417002440800	4	1	2037	2019	\$923	\$83	\$3,345	\$846	CAMP MURPHY / FL49799F436900	1	0	2017		\$17	\$0	\$627	\$0
SAUFLEY FIELD NAS / FL417002447300	6	1	2041	2019	\$3,909	\$286	\$4,565	\$1,108	CAYO COSTA MIL RESERVATION / FL49799F715500	0	1	-	2098	\$0	\$239	\$0	\$7,336
AIR FORCE	•			,					CHAFEE BOMB TARGET / FL49799F466700								
AVON PARK AIR FORCE RANGE / FL457212458700 / (3)	78	0	2013		\$34,359	\$0	\$9,744	\$0		0	1	-	2049	\$0	\$188	\$0	\$2,978
CAMP BLANDING MIL RESERVATION / FL49799F434300	6	0	2021	-	\$0	\$0	\$1,373	\$0	CHICOPIT BOMB TARGET / FL49799F723500	0	1	-	2036	\$0	\$157	\$0	\$1,969
JACKSONVILLE INTERNATIONAL AIRPORT /									CLAY BOMB TARGET / FL49799F470300	0	1	-	2043	\$0	\$176	\$0	\$3,064
FL457282844600	11	0	2012	-	\$3,145	\$0	\$241	\$0	CORRY ST USN TECH TRAINING / FL49799F467900	1	0	2016	-	\$12	\$0	\$514	\$0
FORMERLY USED DEFENSE SITES  26-MILE BEND BOMB TARGET / FL49799F469800									CROSS CITY AAF / FL49799F439900	1		2004	2040	\$47	£170	\$0	61.260
20-MILE BEND BUMB TARGET / FL49/99F409800	0	1	-	2051	\$0	\$185	\$0	\$556			1	2001	2049	\$47	\$172	20	\$1,360
ALACHUA AAF / FL49799F439600	1	0	2042	-	\$0	\$0	\$51	\$0	CROSS CITY TARGET RGE / FL49799F967300	0	1	-	2039	\$0	\$164	\$0	\$8,762
ALLIGATOR BOMB TARGET / FL49799F918500	0	1	-	2046	\$0	\$161	\$0	\$6,163	DADE BOMBING RANGE / FL49799F967400	0	1	-	2036	\$0	\$243	\$0	\$5,191
ARMY AIR-TO-GROUND GUNNERY STRAFING TARGET / FL49799FA15600	0	1	-	2093	\$0	\$168	\$0	\$1,281	DALE MABRY AAF / FL49799F715800	1	1	2012	2038	\$12	\$178	\$684	\$3,720
BAKER TARGET / FL49799F469300	0	1	-	2063	\$0	\$160	\$0	\$3,118	DREW FIELD / FL49799F450600	2	2	2009	2012	\$1,757	\$268	\$282	\$0
BARTOW ARMY AIRFIELD / FL49799F455600	1	1	1996	2072	\$231	\$197	\$0	\$7,650	ELLYSON FIELD / FL49799F839600	2	0	2017		\$3,352	\$0	\$999	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10	FY11 to C Cost Estir	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Throug	ncurred gh FY10 000)		Completion mate (\$000
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Florida									Florida								
FORT CLINCH / FL49799F716500	0	1	-	2052	\$0	\$252	\$0	\$5,947	LAKELAND SMALL ARMS RANGE / FL49799F718100	0	1	-	2115	\$0	\$169	\$0	\$1,260
FORT TAYLOR / FL49799F444700	0	1	-	2037	\$0	\$254	\$0	\$4,469	LEE FIELD / FL49799F436800	3	0	2015	-	\$10,367	\$0	\$3,383	\$
FT LAUDERDALE BOMB TARGET 1 / FL49799F713300	0	1	-	2057	\$0	\$124	\$0	\$3,101	LEESBURG AIR SERVICE CENTER / FL49799F718400	0	1	-	2029	\$0	\$0	\$0	\$1,34
FT LAUDERDALE HOUSING / FL49799F446900	0	1	-	2041	\$0	\$150	\$0	\$2,101	LONG BOAT KEY BOMB & GUN RANGE / FL49799F718600	0	1	-	2033	\$0	\$152	\$0	\$4,81
FT LAUDERDALE N STRAFING TARGET / FL49799F714200	0	1	-	2042	\$0	\$150	\$0	\$6,710	MANNING TARGET / FL49799F469400	0	1	-	2099	\$0	\$163	\$0	\$3,95
FT LAUDERDALE S STRAFING TARGET / FL49799F714300	0	1	-	2035	\$0	\$151	\$0	\$624	MARQUESAS KEY CWS / FL49799F441500	0	2	-	2033	\$0	\$257	\$0	\$3,81
FT PIERCE NAVAL AMPH BASE / FL49799F461400 / (3)	1	1	2033	2012	\$0	\$482	\$591	\$315	MCCOY AFB / FL49799F453600 / (3)	2	1	2016	2001	\$3,354	\$542	\$5,322	\$45
FULLERVILLE TARGET / FL49799F471000	0	1	-	2033	\$0	\$188	\$0	\$2,129	MELBOURNE BOMB & GUN RANGE / FL49799F920900	0	1	-	2073	\$0	\$236	\$0	\$4,09
GUN RANGE SUNNY ISLES / FL49799F856900	0	1	-	2037	\$0	\$154	\$0	\$1,049	MIAMI INT'L AIRPORT / FL49799F448700	1	1	2006	2093	\$442	\$101	\$0	\$2,38
HENDRICKS AAF / FL49799F440400	2	0	2015	-	\$1,268	\$0	\$1,295	\$0	MILL COVE BOMBING SITE / FL49799F720000	0	1	-	2049	\$0	\$179	\$0	\$5,28
JACKSONVILLE SMALL ARMS RANGE / FL49799F717600	0	1	-	2042	\$0	\$0	\$0	\$1,461	MOSQUITO LAGOON TARGET / FL49799F919200	0	1	-	2118	\$0	\$190	\$0	\$6,13
KEYSTONE BOMB TARGET / FL49799F469000	1	1	1990	2062	\$13	\$167	\$0	\$2,198	MULLET KEY BOMB & GUN RANGE / FL49799F442000	0	1	-	2023	\$0	\$179	\$0	\$6,87
LAKE CITY NAAS / FL49799F465800	2	1	2014	2035	\$3,681	\$178	\$3,152	\$2,189	NAS DAYTONA BEACH / FL49799F720400	0	1	-	2082	\$0	\$189	\$0	\$98
LAKE DISSTON TARGET / FL49799F470500	0	1	-	2043	\$0	\$163	\$0	\$2,675	NAS MELBOURNE / FL49799F720500	0	1	-	2038	\$0	\$165	\$0	\$1,54
LAKE HANCOCK SMALL ARMS & BOMBING / FL49799F718000	0	1	-	2038	\$0	\$209	\$0	\$3,463	OKESIANIA ATG GUN RANGE / FL49799F918100	0	1	-	2116	\$0	\$169	\$0	\$6,92
LAKE PALESTINE TARGET / FL49799F968400	0	1	-	2038	\$0	\$171	\$0	\$3,844	ORLANDO RANGE AND CHEMICAL YARD / FL49799F721500	0	4	-	2014	\$0	\$3,498	\$0	\$5,76
LAKE WEIR BOMB TARGET / FL49799F968600	0	1	-	2048	\$0	\$173	\$0	\$2,913	OSPREY BOMBING RANGE / FL49799F721700	0	1	-	2092	\$0	\$153	\$0	\$4,22
LAKE WOODRUFF TARGET / FL49799F968700	0	1	-	2115	\$0	\$248	\$0	\$2,315	OTTER KEY BOMB TARGET / FL49799F969000	0	1	-	2072	\$0	\$264	\$0	\$2,41
LAKELAND AAF / FL49799F441300	2	2	2013	2012	\$1,655	\$273	\$1,488	\$0	PAGE FIELD MIL RESERVATION / FL49799F436700	0	1	-	2071	\$0	\$256	\$0	\$3,07

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Florida									Georgia								
									ARMY								
PALM BEACH AFB / FL49799F455000	1	0	2018	-	\$17	\$0	\$2,042	\$0	FORT BENNING / GA421372101800 / (1) / (3)	49	2	2014	2014	\$40,764	\$666	\$6,238	\$884
PASSAGE KEY AIR-TO-GROUND GUN / FL49799F722000	0	1	-	2026	\$0	\$178	\$0	\$1,400	FORT GILLEM / GA421402004600	15	1	2015	2011	\$34,934	\$173	\$8,423	\$113
PINECASTLE JEEP RANGE / FL49799F722400	0	1	-	2014	\$0	\$13,472	\$0	\$8,378	FORT GORDON / GA421372036800 / (1) / (2)	52	0	2015	-	\$29,953	\$0	\$1,790	\$0
PINELLAS AAF / FL49799F442400	0	1	-	2093	\$0	\$197	\$0	\$1,945	FORT MCPHERSON / GA421402056500	13	4	2014	2011	\$9,788	\$420	\$278	\$113
PINELLAS PRACTICE BOMB RANGE / FL49799F442500	0	1	-	2033	\$0	\$208	\$0	\$2,064	FORT STEWART / GA421402087200 / (2)	89	8	2016	2015	\$26,596	\$2,465	\$3,670	\$4,932
RICHMOND NAS / FL49799F435600	3	0	2011	-	\$2,238	\$0	\$212	\$0	HUNTER ARMY AIRFIELD / GA421402273300 / (2)	21	0	2030	-	\$31,534	\$0	\$4,818	\$0
SANFORD AIRPORT / FL49799F467500	2	1	2020	2115	\$4,340	\$184	\$785	\$4,089	JFHQ GA ARNG / GA42118130NG00	2	4	2023	2021	\$450	\$201	\$723	\$1,547
SARASOTA AAF / FL49799F442900	0	1	-	2117	\$0	\$160	\$0	\$557	NAVY	1							
SARASOTA AAF SMALL ARMS RANGE / FL49799F723100	0	1	-	2069	\$0	\$156	\$0	\$1,260	KINGS BAY NSB / GA417009000100 / (1)	17	0	2016	-	\$15,222	\$0	\$1,258	\$0
SOPCHOPPY PRECISION BOMB RANGE / FL49799F442800	0	1	-	2100	\$0	\$147	\$0	\$6,369	AIR FORCE	1							
SPENCER BOMB TARGET SITE / FL49799F464000									DOBBINS AIR FORCE BASE / GA457122458700 / (3)	10	0	2011	-	\$3,780	\$0	\$1,159	\$0
	0	1	-	2033	\$0	\$175	\$0	\$2,129	LEWIS B. WILSON AIRPORT / GA457282746100	2.	0	2021	_	\$0	\$0	\$526	\$0
ST AUGUSTINE SAT FIELD / FL49799F723400	0	1	-	2089	\$0	\$107	\$0	\$2,362	MOODY AIR FORCE BASE / GA457212410600	43	2	2012	2020	\$72,296	\$3,054	\$5,701	\$1,593
ST GEORGE ISLAND BOMB RANGE / FL49799F436100	0	1	-	2069	\$0	\$147	\$0	\$9,314	SAVANNAH INTERNATIONAL AIRPORT / GA457282608100	7	0	2012		\$15,082	\$0	\$1,770	\$0
SWITZERLAND BOMB TARGET / FL49799F464400	0	1	-	2092	\$0	\$182	\$0	\$8,130	FORMERLY USED DEFENSE SITES								
VENICE BOMBING RANGE / FL49799F724400	0	1	-	2096	\$0	\$202	\$0	\$3,588	AUGUSTA ARSENAL DEPOT / GA49799F987900	1	0	-		\$5	\$0	\$438	\$0
VERO BEACH NAVAL AIR STATION / FL49799F466300	2	0	2018	-	\$485	\$0	\$606	\$0	CAMP GORDON RIFLE RNGE / GA49799F816200	0	1	-	2039	\$0	\$199	\$0	\$1,253
VERO BEACH TARGET 1 / FL49799F470600	0	1	-	2068	\$0	\$182	\$0	\$2,931	COCHRAN FLD / GA49799F480400	1	1	2001	2034	\$25	\$151	\$0	\$2,436
VERO BEACH TARGET NO 2 / FL49799F924300	0	1	-	2094	\$0	\$181	\$0	\$2,567	CP TOCCOA MIL RES / GA49799F473000	1	2	1995	2035	\$72	\$178	\$0	\$8,733
ZEPHYR HILLS CITY AIRPORT / FL49799F437400	0	1	-	2069	\$0	\$168	\$0	\$521	DANIEL FIELD / GA49799F827300	0	2	-	2038	\$0	\$266	\$0	\$6,082

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		Total er of Sites		al RC Y)	Costs In Throug (\$0	gh FY10		Completion mate (\$000)	Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Georgia									Guam								
									NAVY								
GLYNCO NAS / GA49799F481300	2	2	2011	2010	\$1,212	\$220	\$222	\$0	GUAM FISC / GU917002753200 / (3)	7	0	2020	-	\$18,532	\$0	\$364	\$0
HARRIS NECK NWR / GA49799F473400	2	1	2014	2010	\$586	\$164	\$728	\$0	GUAM NCTAMS WESTPAC / GU917002757700 / (3)	9	1	2014	2020	\$1,456	\$0	\$646	\$5,298
MACON ORDNANCE PLANT / GA49799F481100	2	0	2006		\$4,083	\$0	\$201	\$0	GUAM PWC / GU917002757600 / (3)	12	0	2019	-	\$76,846	\$0	\$3,511	\$0
NAS ATLANTA / GA49799F481800	2	0	2018	-	\$1,473	\$0	\$1,462	\$0	FORMERLY USED DEFENSE SITES								
TURNER AIR FORCE BASE / GA49799F474900	6	0	2017	-	\$14,413	\$0	\$3,320	\$0	AREA 101 / GM99799F984700	0	1	-	2074	\$0	\$201	\$0	\$9,949
WAYCROSS AAF / GA49799F480800	1	1	1998	2047	\$13	\$173	\$0	\$928	ASAN POINT TANK FARM / GM99799F965100	1	0	2018	-	\$0	\$0	\$196	\$0
									IBANEZ/GUERRERO PROPERTIES / GM99799F374600	2	0	2017	-	\$829	\$0	\$6,796	\$0
									MIYAMA HILLS / GM99799F965000	0	1	-	2076	\$0	\$168	\$0	\$8,847

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Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal r of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
Hawaii	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Hawaii	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
ARMY																	
AMERICAN SAMOA LTA / HI92104PHS1900	0	33		2012	\$0	\$683	\$0	\$0	ARMY IMPACT RANGE / HI99799F376600	0	1	-	2089	\$0	\$150	\$0	\$7,834
FORT SHAFTER / HI921452220700 / (3)	48	5	2010	2014	\$10,174	\$1,421	\$305	\$5,257	DILLINGHAM AIR FORCE BASE / HI99799F380800	0	1	-	2068	\$0	\$176	\$0	\$4,884
JFHQ HI ARNG / HI92118150NG00	0	4	-	2020	\$0	\$0	\$0	\$3,582	DIV CAMP SITE & TRAINING / HI99799F381200	1	0	2019	-	\$0	\$0	\$365	\$0
TRIPLER ARMY MEDICAL CENTER / HI921452224100 / (3)	10	0	2013	-	\$12,614	\$0	\$1,266	\$0	GUN BATTERY / HI99799F383700	1	1	2019	2005	\$0	\$0	\$243	\$0
WAIAWA GULCH / HI921181508000	3	0	2015	-	\$168	\$0	\$364	\$0	HAIKU RADIO STATION / HI99799F386000	2	0	2015	-	\$38	\$0	\$1,628	\$0
WHEELER ARMY AIRFIELD / HI921452234900 / (3)	17	11	2010	2016	\$1,632	\$3,854	\$0	\$9,620	HALEIWA LANDING FIELD / HI99799F384400	1	0	2012	-	\$179	\$0	\$0	\$0
NAVY									HEEIA FIRE CONTROL STA / HI99799F385800	1	0	2018	-	\$0	\$0	\$131	\$0
BARBERS POINT NAS / HI917002432600 / (2)	35	0	2027	-	\$63,786	\$0	\$5,482	\$0	KAHULUI NAVAL AIR STATION / HI99799F398100	1	0	2020	-	\$0	\$0	\$650	\$0
CAMP H.M. SMITH OAHU / HI917302434700 / (1) / (3)	2	3	2017	2012	\$3,678	\$438	\$60	\$0	KANE PUU NAVAL BOMBING RANGE / HI99799F398300	0	1	-	2075	\$0	\$187	\$0	\$4,593
PEARL HARBOR FISC / HI917002434200 / (3)	15	0	2020	-	\$38,018	\$0	\$9,377	\$0	KILAUEA RADAR STATION / HI99799F391800	1	0	2019	-	\$0	\$0	\$315	\$0
PEARL HARBOR NSB / HI917002434000	7	0	2017	-	\$7,570	\$0	\$1,086	\$0	KOKEE STATE PARK / HI99799F392100	1	0	2021	-	\$0	\$0	\$222	\$0
AIR FORCE				1					LANAI RADAR STATION / HI99799F393700	1	0	2017		\$0	\$0	\$95	\$0
BARBERS POINT NAS / HI917002432600	5	0	2021	-	\$0	\$0	\$1,938	\$0	MAKANALUA BOMBING RANGE / HI99799F394100								
BELLOWS AIR FORCE STATION / HI957302871900 / (3)	23	5	2010	2014	\$20,759	\$1,285	\$1,924	\$5,518	MAKAPUU LIGHT HOUSE RES / HI99799F394200	0	1	-	2087	\$0	\$242	\$0	\$7,760
HILO COMM STATION / HI957282963000	5	0	2021	-	\$0	\$0	\$1,957	\$0	MAUI AIRPORT MILITARY RES / H199799F396000	1	1	2019	2088	\$0	\$161	\$383	\$2,897
KAENA POINT / HI957302872400	1	0	2017	-	\$355	\$0	\$603	\$0	MOKUHOONIKI ISLAND / HI99799F397400	3	0	2020	-	\$3,347	\$0	\$2,946	\$0
KAHULUI COMM STATION / HI957282963500	7	0	2021	-	\$0	\$0	\$2,765	\$0	MOLOKAI BOMBING TARGETS / H199799F989900	0	1	-	2066	\$0	\$189	\$0	\$5,861
FORMERLY USED DEFENSE SITES	<u> </u>		<u>                                     </u>						MOLOKAI BUMDINU TAKUETS / RISY/SYFY89900	0	1	-	2089	\$0	\$330	\$0	\$7,368
AHUKINI / HI99799F375800	0	1	-	2087	\$0	\$109	\$0	\$3,098	OAHU ISLAND TARGET / HI99799F399400	0	1	=	2065	\$0	\$223	\$0	\$2,547
AIEA MILITARY RESERVATION / HI99799F375900	2	0	2012	-	\$846	\$0	\$1,121	\$0	PACIFIC JUNGLE COMBAT / HI99799F400400	0	1	-	2066	\$0	\$264	\$0	\$9,112

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Table E-7 IRP/MMRP Status	of Inst	allatior	is with	FYII	to Con	ipletion	Cost	Estimato	e Less Than or Equal to \$10,000,0	00			Defense	Environn	nental Re	storation	Program
Installation / FFID		Total per of Sites		al RC FY)	Throug	ncurred gh FY10 000)		Completion mate (\$000)	Installation / FFID		Total er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Hawaii									Idaho								
									ARMY								
PALMYRA ISLAND / HI99799F409700	2	0	2012	-	\$3,035	\$0	\$1,059	\$0	JFHQ ID ARNG / ID02118160NG00	0	8	-	2020	\$0	\$376	\$0	\$3,431
POPOKI TARGET AREA / HI99799F401700	0	1	-	2088	\$0	\$2,541	\$0	\$5,154	KIMAMA TS RUPERT / ID0211816B9500	0	5	-	2017	\$0	\$1,136	\$0	\$3,293
RABBIT ISLAND / HI99799F404100	0	1	-	2067	\$0	\$234	\$0	\$8,365	AIR FORCE			,	•				
UNEXPLODED ORD REMOVAL / HI99799F397700	0	1	-	2088	\$0	\$145	\$0	\$4,986	BOISE AIR TERMINAL GOWEN FIELD / ID057282587400 / (3)	13	3	2013	2015	\$3,052	\$898	\$2,258	\$1,340
WAIMEA FALLS PARK / HI99799F989400	0	1	-	2087	\$0	\$169	\$0	\$3,734	MOUNTAIN HOME AIR FORCE BASE / ID057212455700 / (1) / (3)	38	0	2011	-	\$19,727	\$0	\$3,183	\$0
									FORMERLY USED DEFENSE SITES								
									BRUNEAU PBR #4 / ID09799F304700	0	1	-	2023	\$0	\$84	\$0	\$7,275
									BRUNEAU PRECISION BOMBING RANGE #2 / ID09799F304500	0	1	-	2041	\$0	\$223	\$0	\$4,031
									MOUNTAIN HOME AF RGE #3 / ID09799F304600	0	1	-	2040	\$0	\$204	\$0	\$3,798
									MOUNTAIN HOME AF RGE #5 / ID09799F304800	0	1	-	2051	\$0	\$139	\$0	\$4,411
									MOUNTAIN HOME AF RGE NO1 / ID09799F304400	0	1	-	2046	\$0	\$202	\$0	\$4,220
									POCATELLO BOMBING RANGE #2 / ID09799F302700	0	1	-	2047	\$0	\$192	\$0	\$3,540
									POCATELLO BOMBING RANGE #3 / ID09799F303300	0	1	-	2023	\$0	\$83	\$0	\$5,218
									POCATELLO BOMBING RANGE #4 / ID09799F302800	0	1	-	2051	\$0	\$144	\$0	\$4,019
									POCATELLO GROUND GUNNERY / ID09799F302600	0	1	-	2053	\$0	\$202	\$0	\$2,508
									PRECISION BOMBING RGE NO2 / ID09799F301800	0	1	-	2052	\$0	\$199	\$0	\$4,576

SWAN FALLS BOMBING RANGE / ID09799F303900

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Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	
Illinois									Illin
ARMY									<u>'</u>
CHARLES MELVIN PRICE SUPPORT CENTER / IL521382037600	28	3	2039	2008	\$1,105	\$858	\$1,262	\$0	NIKE C-
FORT SHERIDAN / IL521402083800 / (1) / (3)	68	3	2015	2011	\$57,450	\$30	\$2,923	\$30	NIKE C-7
JFHQ IL ARNG / IL52118170NG00	0	21	-	2020	\$0	\$898	\$0	\$9,800	NIKE C-9
ROCK ISLAND ARSENAL / IL521382183300	32	1	2015	2010	\$17,752	\$1,327	\$7,481	\$0	NIKE C-9
AIR FORCE									NIKE SL
CAPITAL MUNICIPAL AIRPORT (SPRINGFIELD) / IL557282588200	5	0	2011	-	\$3,598	\$0	\$517	\$0	NIKE SL
CHANUTE AFB / IL557002475700 / (1) / (3)	78	13	2016	2011	\$149,019	\$1,128	\$9,581	\$164	NIKE SL
GREATER PEORIA AIRPORT / IL557282590700	8	0	2021	-	\$3,973	\$0	\$4,966	\$0	TEST CE
FORMERLY USED DEFENSE SITES							1		VICTOR
CAMP GRANT RIFLE RANGE / IL59799F217400	1	1	2012	2006	\$3,708	\$2,398	\$2,545	\$38	IL59799F
CAMP MCDOWELL RADAR SCHOOL / IL59799F804900	2	0	2011	-	\$872	\$0	\$1,463	\$0	
CARMI AIR FORCE STATION / IL59799F218900	2	0	2012	-	\$814	\$1	\$1,082	\$0	
GEORGE FIELD ARMY AIR STATION / IL59799F223300	5	1	2010	1995	\$3,518	\$2	\$30	\$0	
GREEN RIVER ORDNANCE PLANT / IL59799F221400	2	1	2003	2028	\$1,436	\$183	\$0	\$7,008	
HANNA CITY AIR FORCE STATION / IL59799F219000	2	0	2011	-	\$1,783	\$0	\$3,736	\$0	
NAVAL ORD STATION, FOREST PARK / IL59799F222100	2	1	2016	1996	\$2,235	\$1	\$5,124	\$0	
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT / IL59799F767100	1	0	2017	-	\$1,179	\$0	\$2,897	\$0	
NIKE C-41 - JACKSON PARK / IL59799F812300	2	0	2013	-	\$1,816	\$0	\$548	\$0	
NIKE C-44 - WOLF LAKE / IL59799F222400	2	0	2019	-	\$3,540	\$0	\$4,356	\$0	

Installation / FFID		otal r of Sites		al RC Y)	Costs In Throug (\$0	h FY10		ompletion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Illinois								
	1							
NIKE C-70 - NAPERVILLE / IL59799F218000	2	0	2007	•	\$6,655	\$0	\$150	\$0
NIKE C-72 - ADDISON / IL59799F220200	3	0	2011		\$1,371	\$0	\$0	\$0
NIKE C-92/94 - LIBERTYVILLE / IL59799F220500	1	0	2014		\$698	\$0	\$595	\$0
NIKE C-93 - SKOKIE LAGOONS / IL59799F220600	1	0	2015		\$148	\$0	\$586	\$0
NIKE SL-10 - MARINE / IL59799F220800	3	0	2014	-	\$3,646	\$0	\$2,568	\$0
NIKE SL-40 - HECKER / IL59799F220900	2	0	2019	-	\$1,070	\$0	\$481	\$0
NIKE SL-90 - GRAFTON / IL59799F222300	2	0	2019	-	\$1,398	\$0	\$783	\$0
TEST CELLS SITE (WILLOW SPRGS) / IL59799F219200	4	0	2007	-	\$3,112	\$0	\$206	\$0
VICTORY ORDNANCE PLANT, DECATUR / IL59799F218800	2	0	2019	-	\$1,048	\$0	\$4,975	\$0

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Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Through (\$00	h FY10		Completion nate (\$000)		Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Indiana										Iowa								
ARMY									4	ARMY								
CRANE ARMY AMMUNITION ACTIVITY / IN521522349800	1	0	2012	•	\$0	\$0	\$572	\$0		JFHQ IA ARNG / IA72118190NG00	0	11	-	2020	\$0	\$277	\$0	\$3,627
INDIANA ARMY AMMUNITION PLANT / IN521382044300	90	1	2011	2006	\$27,199	\$507	\$441	\$0	4	FORMERLY USED DEFENSE SITES								
JEFFERSON PROVING GROUND / IN521382045400 / (1) / (3)	82	15	2034	2003	\$24,346	\$4,940	\$1,333	\$0		CAMP DODGE / IA79799F019900	0	2	-	2037	\$0	\$320	\$0	\$927
JFHQ IN ARNG / IN52118180NG00	0	6	-	2020	\$0	\$318	\$0	\$4,512		DES MOINES ORDNANCE PLANT / IA79799F020300	1	1	2009	2037	\$610	\$197	\$0	\$1,025
NEWPORT CHEMICAL DEPOT / IN521382227200 / (3)	17	2	2011	2011	\$21,463	\$225	\$1,819	\$0		FORT DES MOINES / IA79799F022800	1	2	2000	2015	\$1,175	\$253	\$0	\$0
NAVY									Ī	FT DES MOINES TARGET RG / IA79799F020400	0	1	-	2036	\$0	\$130	\$0	\$2,683
INDIANAPOLIS NAWC / IN517002349900 / (1) / (3)	3	0	2041	-	\$1,778	\$0	\$723	\$0	Ī	SIOUX CITY AAF MOV TGT R / IA79799F020800	0	1	-	2036	\$0	\$128	\$0	\$1,160
FORMERLY USED DEFENSE SITES		<u>'</u>							_					,				
BAER AIRFIELD / IN59799F363100	4	0	2004	-	\$1,093	\$0	\$0	\$0										
NIKE C-32 - INDIANA DUNES / IN59799F356600	2	0	2018	-	\$1,825	\$0	\$1,513	\$0										

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

March   Marc	Installation / FFID		otal r of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal r of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion mate (\$000)
MARKY   STATEMENT (AST) (AST		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
PRINTENS AMERICA SECTION STORMS   1	Kansas									Kansas								
Process   Proc	ARMY																	
1	FORT RILEY / KS721402075600 / (1) / (3)	75	4	2014	2012	\$77,200	\$2,329	\$4,231	\$1,413	GREAT BEND PBR #1 / KS79799F028000	0	1	-	2056	\$0	\$99	\$0	\$2,134
AIR FORCE    AIR FORCE	JFHQ KS ARNG / KS72118200NG00	0	2	-	2021	\$0	\$160	\$0	\$1,383	GREAT BEND PBR #2 / KS79799F028100	0	1	-	2056	\$0	\$101	\$0	\$2,297
MATERIAN PROCESS ATT ALT ALT ALT ALT ALT ALT ALT ALT ALT	KANSAS ARMY AMMUNITION PLANT / KS721382046700 / (2)	28	1	2038	2011	\$42,783	\$267	\$6,015	\$0	GREAT BEND PBR #3 / KS79799F028200	0	1	-	2056	\$0	\$112	\$0	\$2,292
1	AIR FORCE									HAYS-WALKER PBR #1 / KS79799F032700	0	1	-	2046	\$0	\$139	\$0	\$3,930
Conference   1	MCCONNELL AIR FORCE BASE TITAN SITES / KS757212414001	6	0	2015	-	\$2,453	\$0	\$193	\$0	HAYS-WALKER PBR #2 / KS79799F032800	0	1	-	2047	\$0	\$138	\$0	\$4,036
1   2   19%   2055   311   320   355   318   320   3595   3510	FORMERLY USED DEFENSE SITES									HAYS-WALKER PBR #3 / KS79799F032900	0	1		2049	\$0	\$1/13	\$0	\$4.061
DODGE CITY AAF / K57999902900	COFFEYVILLE AAF / KS79799F025500	1	2	1996	2055	\$18	\$261	\$0	\$1,399	HEDINICTON: A A E / V S 70700E029200		·		2049	<b>40</b>	9143	30	54,001
FORBES AFB ATLAS FAC S-7 KS77999023900	DODGE CITY AAF / KS79799F025900	1	1	2020	2055	\$198	\$108	\$6,419	\$2,399		3	1	2010	2054	\$3,625	\$178	\$711	\$464
FORBIES AFB ATLAS FAC S 3 / KS77799F025900   1   2   2   2   2   2   2   2   2   2	FORBES AFB / KS79799F026300	3	1	2017	2027	\$6,431	\$124	\$3,765	\$2,436	HERINGTON RIFLE RANGE / KS/9/99F028400	1	1	1994	2056	\$89	\$102	\$0	\$1,288
FORBES AFB ATLAS FAC S9 / KS77799F027200 / 3)  2 0 2014	FORBES AFB ATLAS FAC S-5 / KS79799F026900									HUTCHINSON NAS / KS79799F034100	2	1	2009	2055	\$41	\$15	\$159	\$1,400
FORBES AFB ATLAS \$\( 2 \) 1 201 201 201 201 201 201 201 201 201 2		1	0	2020	-	\$33	\$0	\$5,905	\$0	INDEPENDENCE AAF / KS79799F028500	2	2.	2015	2051	\$924	\$256	\$171	\$1,399
FORBES AFB ATLAS \$2.7 K\$77799F025000   2	FORBES AFB ATLAS FAC S-9 / KS79799F027200 / (3)	2	0	2024		\$7,054	\$0	\$1,864	\$0	LIBERAL AAF / KS79799F028900								
FORBES AFB FAC S.4 / K579799F026700  2 0 2017	FORBES AFB ATLAS S-2 / KS79799F026500	2	0	2019	-	\$17	\$0	\$1,905	\$0		1	1	2019	2055	\$497	\$134	\$5,730	\$2,400
Company   Comp	FORBES AFB FAC S-4 / KS79799F026700					64.000	do.	â. 2.45		OLATHE NAVAL AIR STATION / KS79799F023600	2	1	2017	2007	\$6,135	\$120	\$3,910	\$0
FORBES AFB-AF FAC \$\( \) \(\		2	0	2017	-	\$1,270	\$0	\$1,247	\$0	OSAGE PBR #3 / KS79799F029100	0	1	-	2039	\$0	\$158	\$0	\$3,867
FORBES AFB-AF FAC S-7 / KS79799F027000 / (3)  2	FORBES AFB-AF FAC S-1 / KS79799F026400	2	0	2019	-	\$288	\$0	\$5,826	\$0	POTTAWATOMIE PBR #1 / KS79799F029200				2027	¢0	6157	60	62.747
FORBES AFB-AF FAC S-8 / KS79799F027100  2 0 2019 - S266 S0 S5,885 S0  FORBES SUR TRG AX / KS79799F023600  0 1 - 2053 S0 S137 S0 S405  GARDEN CITY AAF / KS79799F027300  1 2 1995 2008 S549 \$108 S0 S120  GREAT BEND AAF / KS79799F027800  0 2 - 2056 S0 S110 S0 S429  FRATT PBR #1 / KS79799F02900  1 2 2 2 2014 2056 S411 S279 S388 S2,270  PRATT GROUND GNRY RNG / KS79799F029400  0 1 - 2053 S0 S131 S0 S132 S0 S139 S0 S3,991  FRATT PBR #1 / KS79799F02900  0 1 - 2038 S0 S147 S0 S4,009  PRATT PBR #2 / KS79799F02900  0 1 - 2038 S0 S147 S0 S4,009	FORBES AFB-AF FAC S-7 / KS79799F027000 / (3)	2	0	2011	-	\$10,795	\$0	\$2,980	\$0	PR ATT A AF / K\$79799F029300		1	-	2037	30	\$157	30	\$3,747
FORBES SUR TRG AX / KS79799F033600  0 1 - 2053 S0 \$137 S0 \$405  GARDEN CITY AAF / KS79799F027300  1 2 1995 2008 \$549 \$108 \$50 \$120  GREAT BEND AAF / KS79799F027800  0 2 - 2056 \$0 \$110 \$0 \$429  PRATT PBR #1 / KS79799F02900  PRATT PBR #2 / KS79799F02900  0 1 - 2038 \$0 \$131 \$0 \$1,284  PRATT PBR #1 / KS79799F02900  0 1 - 2038 \$0 \$147 \$0 \$4,009  PRATT PBR #3 / KS79799F02900	FORBES AFB-AF FAC S-8 / KS79799F027100	2	0	2019	-	\$266	\$0	\$5,885	\$0		2	2	2014	2056	\$411	\$279	\$388	\$2,270
FRATT PBR #1 / KS79799F029500 0 1 - 2048 50 \$139 \$0 \$3.991 \$1 \$2 \$1995 \$2008 \$549 \$108 \$0 \$110 \$0 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$10 \$1	FORBES SUR TRG AX / KS79799F033600	0	1		2053	\$0	\$137	\$0	\$405	PRATT GROUND GNRY RNG / KS79799F029400	0	1	-	2053	\$0	\$131	\$0	\$1,284
GREAT BEND AAF / KS79799F027800 0 2 - <b>2056</b> S0 \$110 S0 \$429	GARDEN CITY AAF / KS79799F027300									PRATT PBR #1 / KS79799F029500	0	1	-	2048	\$0	\$139	\$0	\$3,991
0 2 - <b>2056</b> \$0 \$110 \$0 \$429 PRATT PBR #3 / KS79799F029700	CREAT BENIN A AE / V870700E03700	1	2	1995	2008	\$549	\$108	\$0	\$120	PRATT PBR #2 / KS79799F029600	0	1	-	2038	\$0	\$147	\$0	\$4,009
	GREAT BEND AAF / KS/9/99F027800	0	2	-	2056	\$0	\$110	\$0	\$429	PRATT PBR #3 / KS79799F029700	0	1		2048	\$0	\$135	\$0	\$4.036

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		il RC Y)	Costs In Throug (\$0	h FY10		Completion mate (\$000)	Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Kansas									Kentucky								
									ARMY								
PRATT RIFLE RANGE / KS79799F029900	0	1		2055	\$0	\$125	\$0	\$1,283	BLUE GRASS ARMY DEPOT / KY421382010500 / (1) / (3)	55	5	2004	2012	\$20,082	\$733	\$347	\$0
SCHILLING AFB-FAC S-4 / KS79799F030600	2	0	2017		\$992	\$0	\$7,963	\$0	FORT CAMPBELL / KY421402014000 / (3)	68	8	2037	2016	\$51,027	\$1,127	\$3,692	\$4,484
SCHILLING AFB-FAC S-6 / KS79799F030800	1	0	2017		\$13	\$0	\$8,913	\$0	FORT KNOX / KY421372047900 / (3)	73	3	2013	2009	\$24,192	\$680	\$2,516	\$0
STROTHER FIELD / KS79799F031800	1	1	2000	2053	\$85	\$153	\$0	\$1,282	JFHQ KY ARNG / KY42118210NG00	0	3	-	2022	\$0	\$171	\$0	\$1,350
TOPEKA AAF RIFLE RANGE / KS79799F032300	0	1	-	2055	\$0	\$14	\$0	\$1,399	NAVY	v	1		ii.				
WABAUNSEE PBR #2 / KS79799F032500	0	1	-	2048	\$0	\$133	\$0	\$5,524	LOUISVILLE NSWC / KY417002417500 / (1) / (3)	9	0	2017	-	\$19,778	\$0	\$3,431	\$0
WALKER ARMY AIR FIELD / KS79799F032400	3	2	2014	2058	\$1,124	\$1,103	\$374	\$1,282									

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		Total Number of Sites		al RC FY)	Costs Incurred Through FY10 (\$000)		FY11 to Completion Cost Estimate (\$000)		Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY10 (\$000)			Completion nate (\$000)		
		MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		
Louisiana									Maine										
ARMY	ARMY									<b>♦</b> ARMY									
JFHQ LA ARNG / LA62118220NG00	0	1	-	2012	\$0	\$82	\$0	\$52	JFHQ ME ARNG / ME12118230NG00	0	16	-	2020	\$0	\$752	\$0	\$6,434		
NAVY									♦ AIR FORCE										
NEW ORLEANS NAS / LA617002278800 / (3)	16	1	2018	2015	\$2,026	\$1,610	\$162	\$17	BANGOR INTERNATIONAL AIRPORT / ME157282453400	5	0	2021	-	\$1,155	\$0	\$660	\$(		
AIR FORCE									FORMERLY USED DEFENSE SITES										
CAMP BEAUREGARD / LA69799F013300	1	0	2021	-	\$0	\$0	\$210	\$0	AF GAT / ME19799FA23500	1	0	2013	-	\$2,939	\$0	\$2,978	\$0		
ENGLAND AFB / LA657002445200 / (1) / (3)	46	8	2055	2011	\$38,216	\$498	\$3,408	\$0	AF RADAR TRACKING STATION / ME19799F207500	2	0	2015	-	\$9,466	\$0	\$5,680	\$(		
HAMMOND COMM STATION / LA657282745500	6	0	2021	-	\$172	\$0	\$645	\$0	CASWELL AFS Z-80 / ME19799F201400	3	0	2018	-	\$242	\$0	\$1,759	\$(		
NEW ORLEANS NAS ANG / LA617002278800	3	0	2021	-	\$0	\$0	\$666	\$0	DIVE BOMBING TAR / ME19799F206900	0	1	-	2023	\$0	\$181	\$0	\$3,199		
FORMERLY USED DEFENSE SITES	5	,							DOW MIL AF / ME19799F199100	6	0	2016	-	\$3,466	\$0	\$5,465	\$6		
DERIDDER ARMY AIR FIELD / LA69799F015700	1	1	2003	2103	\$785	\$149	\$0	\$2,114	FORT BAL FIRE CON STA / ME19799F201800	1	1	1995	2026	\$30	\$166	\$0	\$556		
FORT JACKSON / LA69799F693300	0	1	-	2078	\$0	\$0	\$0	\$3,319	FORT EDGECOMB / ME19799F882000	1	1	2016	1997	\$0	\$0	\$7	\$(		
HARDING AAF / LA69799F018100	0	1	-	2064	\$0	\$180	\$0	\$2,878	FORT GORGES / ME19799F810100	1	1	2016	1995	\$0	\$0	\$90	\$0		
KISATCHIE BOMB TARGETS / LA69799F019500	0	1	-	2096	\$0	\$175	\$0	\$5,122	FORT KNOX / ME19799F809800	1	1	2016	2006	\$0	\$0	\$0	\$(		
LAFAYETTE NG TARGET RANGE / LA69799F018200	0	1	-	2109	\$0	\$154	\$0	\$1,264	FORT LEVETT / ME19799F202000	1	1	1997	2024	\$152	\$143	\$0	\$535		
MINDEN BOMB TARGETS / LA69799F943400	0	1	-	2079	\$0	\$174	\$0	\$5,522	FORT MCKINLEY / ME19799F206000	1	1	1992	2026	\$58	\$110	\$0	\$1,130		
									LONG ISL / ME19799F760600	1	0	2018	-	\$17	\$0	\$269	\$0		
									LOR AFB LAU AX / ME19799F203200	2	0	2018	-	\$325	\$0	\$238	\$		
									LORING AFB COMMO AX #2 / ME19799F202800	2	0	2013	-	\$489	\$0	\$359	\$(		

MACH GATR / ME19799F850900

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		Total Number of Sites		Final RC (FY)		Costs Incurred Through FY10 (\$000)		Completion nate (\$000)	Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY10 (\$000)		FY11 to Com Cost Estimate			
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		
Maine									Maryland										
									ARMY										
MAINE BOMBING AREA / ME19799F206800	0	1		2053	\$0	\$304	\$0	\$6,491	BLOSSOM POINT RESEARCH FACILITY / MD321382100200	26	6	1997	2018	\$1,446	\$3,536	\$0	\$8,574		
MON ISL TR COOU RGE / ME19799F203800	1	0	2016	-	\$0	\$0	\$9	\$0	FOREST GLEN / MD321162460500	6	0	2019	-	\$2,676	\$0	\$9,237	\$0		
NAS ROCKLAND / ME19799F206200	0	1	-	2049	\$0	\$129	\$0	\$1,279	JFHQ MD ARNG / MD32118240NG00	0	1	=	2012	\$0	\$90	\$0	\$267		
NAVAL FUEL DEPOT / ME19799F206600	1	0	2016	-	\$0	\$0	\$2	\$0	PHOENIX MILITARY RESERVATION / MD321022440200 / (3)	4	0	2017	-	\$3,665	\$0	\$0	\$0		
NAVAL ORDNANCE FAC / ME19799F206700	0	1	-	2038	\$0	\$157	\$0	\$2,765	NAVY	1			1						
NIKE 58 / ME19799F200200	2	0	2016	-	\$1,411	\$0	\$1,044	\$0	ANNAPOLIS US NAVAL ACADEMY / MD317002260200	8	1	2012	2022	\$4,919	\$176	\$0	\$960		
NIKE L-31 / ME19799F200100	2	0	2011	-	\$123	\$0	\$0	\$0	BALTIMORE NRC / MD317002252600	1	0	2012	-	\$126	\$0	\$0	\$0		
NIKE LO-13 / ME19799F199400	2	0	2012	-	\$964	\$0	\$219	\$0	BETHESDA NAVMEDCOM NATCAPREG / MD317002468700	9	0	2012	-	\$3,606	\$0	\$887	\$0		
PRESQUE ISLE AFB / ME19799F200000	3	1	2001	2054	\$168	\$221	\$0	\$832	CHELTENHAM NCTC / MD317002443700	4	0	2012	-	\$1,040	\$0	\$0	\$0		
SEAL ISL GUNNERY RGE / ME19799F199600	0	2	-	2023	\$0	\$204	\$0	\$3,156	CHESAPEAKE BAY DET NRL / MD317002754600	8	3	2019	2019	\$1,181	\$756	\$406	\$460		
US NAVAL AUX AIR FAC / ME19799F730900	1	1	2011	2051	\$23	\$167	\$0	\$1,300	POMONKEY TEST RANGE NRL / MD317002754700	1	0	2012	-	\$52	\$0	\$0	\$0		
US NAVAL AUX AIR FAC / ME19799F731000	1	1	2018	2051	\$12	\$128	\$2,256	\$1,311	ST INIGOES NISE EAST COAST DET / MD317002472000	2	0	2011	-	\$2,828	\$0	\$828	\$0		
									WALDORF NRL / MD317002756500	1	0	2012	-	\$1,582	\$0	\$0	\$0		
									WHITE OAK NSWC / MD317002344400 / (1) / (3)	38	0	2021	-	\$39,638	\$0	\$1,543	\$0		
									♦ AIR FORCE										
									MARTIN STATE AIRPORT / MD357282590100	15	2	2008	2016	\$3,689	\$344	\$0	\$2,424		
									FORMERLY USED DEFENSE SITES										
									FORT HOWARD / MD39799F140600	2	1	1999	2024	\$281	\$191	FY10 (Soft Estimate (\$00))         Cost Estimate (\$00)           MMRP IRP MMRI         IRP MMRI           \$3,536 S0 \$9,237 S1         \$3           \$0 \$9,237 S1         \$3           \$0 \$0 \$9,237 S1         \$3           \$0 \$0 \$0 \$3         \$3           \$176 \$0 \$0 \$9         \$3           \$0 \$0 \$0 \$1         \$3           \$0 \$0 \$0 \$1         \$4           \$0 \$0 \$0 \$1         \$3           \$0 \$0 \$1,543 \$1         \$3           \$344 \$0 \$2,43         \$3           \$191 \$0 \$5,80         \$5,80			
									FORT WASHINGTON (MARYLAND) / MD39799F141300	1	1	2007	2035	\$285	\$220	\$0	\$6,896		

NIKE BA-03 (PHOENIX) / MD39799F136800

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FV11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Table E-7 IRP/MMRP Status o	Total		Final RC		Costs I	ncurred	FY11 to	Completion	e Less Than or Equal to \$10,000,00	Total		Final RC				FY11 to Comp	
Installation / FFID	Numbe	er of Sites	(FY)		Through FY10 (\$000)		Cost Estimate (\$000)		Installation / FFID	Number of Sites		(1	(FY)		th FY10 (00)	Cost Estin	nate (\$000
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Maryland									Massachusetts								
									ARMY								
NIKE W-35 (CROOM) / MD39799F137900	2	0	2011	-	\$1,205	\$0	\$0	\$0	ARTHUR MACARTHUR USARC / MA121042588500	1	0	2012	-	\$196	\$0	\$504	\$0
NIKE W-44 (WALDORF) / MD39799F138100	2	0	2014	-	\$2,127	\$0	\$1,282	\$0	JFHQ MA ARNG / MA12118250NG00	0	5	-	2020	\$0	\$317	\$0	\$4,023
NIKE W-93 (OLNEY LAUNCH AREA) / MD39799F138700	2	0	2011	-	\$279	\$0	\$404	4 \$0	SOLDIER SYSTEMS CENTER / MA121382063100 / (1) / (3)	17	0	2029	-	\$46,217	\$0	\$9,734	\$0
TRIUMPH EXPLOSIVES, INC. / MD39799F144200	1	1	2004	-	\$399	\$0	\$0	\$260	AIR FORCE				1	1			
									BARNES MUNICIPAL AIRPORT / MA157282590200	9	2	2021	2016	\$7,952	\$1,417	\$592	\$2,430
									HANSCOM AIR FORCE BASE / MA157172442400 / (1) / (3)	23	0	2020	-	\$39,761	\$0	\$8,726	\$0
									WESTOVER AIR FORCE RESERVE CENTER / MA157122402600 / (1) / (3)	25	0	2012	-	\$19,507	\$0	\$8,259	\$0
									FORMERLY USED DEFENSE SITES								
									AMTB SITE / MA19799F873800	0	1	-	2021	\$0	\$167	\$0	\$0
									BARNEYS JOY BATTERY / MA19799F809100	0	1	-	2023	\$0	\$160	\$0	\$659
									BOMB AREA WEEPECKET IS / MA19799F906100	0	1	-	2026	\$0	\$168	\$0	\$1,182
									CAMP EDWARDS / MA19799F177300	5	3	2003	2014	\$2,931	\$3,043	\$0	\$835
									CAPE POGE LITTLE NECK BOMB TARGET SITE / MA19799FA28900	0	1	-	2014	\$0	\$2,059	\$0	\$3,217
									CP MILES STANDISH / MA19799F181800	1	1	2016	2009	\$0	\$196	\$0	\$0
									FALL RIVER NAVRESCEN / MA19799F183300	1	0	2016	-	\$13	\$0	\$535	\$0
									FORT RODMAN / MA19799F809700	2	1	2018	2026	\$109	\$176	\$0	\$585
									FORT RUCKMAN / MA19799F184700	2	1	1996	2050	\$157	\$209	\$0	\$1,786
									FORT STANDISH / MA19799F184900	2	1	1994	2042	\$356	\$245	\$0	\$1,76
									FT DEVENS / MA19799F936300	Î							

\$7,918

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

Installation / FFID		Total Number of Sites												al RC FY)	Costs Incurred Through FY10 (\$000)		FY11 to Completion Cost Estimate (\$000)		Installation / FFID	Total Number of Sites		Final RC (FY)		Costs Incurred Through FY10 (\$000)		FY11 to Completio Cost Estimate (\$000	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP										
Massachusetts									Michigan																		
									ARMY																		
GREAT NECK / MA19799F195200	0	1	-	2023	\$0	\$200	\$0	\$2,307	CAMP GRAYLING ARMY AIRFIELD / MI521182651500	9	2	2015	2009	\$140	\$150	\$205	\$0										
GULL ISLAND BOMB AREA / MA19799F906300	0	1	-	2048	\$0	\$177	\$0	\$1,456	JFHQ MI ARNG / MI52118260NG00	0	16	-	2019	\$0	\$786	\$0	\$7,412										
HUMMOCK POND / MA19799F195600	0	1	-	2055	\$0	\$165	\$0	\$4,624	AIR FORCE	y .			1														
LOWELL ORD PLT / MA19799F177800	1	1	-	2008	\$677	\$156	\$0	\$0	ALPENA COUNTY REGIONAL AIRPORT / MI557282890300	17	2	2012	2018	\$6,363	\$0	\$862	\$1,946										
MARTHA-S VINEYARD ARPT / MA19799F197600	2	1	2008	2027	\$66	\$184	\$0	\$2,625	FORMERLY USED DEFENSE SITES																		
	1		2000	2027	500	\$101	<b>\$</b> 0	92,023	ASH FIELD OLF / MI59799FA21200	1	1	2016	2023	\$180	\$123	\$1,320	\$3,550										
MOVING TAR MACH GUN RG / MA19799F197400	0	1	-	2012	\$0	\$3,555	\$0	\$3,007	CAMP CLAYBANK AAA FIRING RANGE / MI59799F729300	3		2012	2024	\$413	\$133	\$29	\$0										
NAHANT NIKE 17 / MA19799F178700	1	1	1995	2039	\$94	\$217	\$0	\$582	CAMP LUCAS / FT BRADY TARGET RANGE /			2012	2024														
NANTUCKET MEM ARPT / MA19799F198700	0	1	-	2023	\$0	\$170	\$0	\$1,929	MI59799F225100  CAMP LUCAS MAINTENANCE FACILITY /	0	1	-	2031	\$0	\$140	\$0	\$6,401										
NAVAL AMMO DEPOT / MA19799F177900	4	1	2001	2039	\$1,671	\$216	\$0	\$4,528	MI59799F229000  CAMP LUCAS/FT BRADY / MI59799F744500	2	1	2014	2001	\$1,596	\$6	\$1,730	\$0										
SANDY NECK / MA19799F195300	0	1		2023	\$0	\$167	\$0	\$1,772		0	1	-	2032	\$0	\$107	\$0	\$2,723										
	Ů	,	-	2023	30	3107	30	31,772	CAMP NORRIE / MI59799F864700	1	1	2012	2009	\$239	\$0	\$41	\$0										
SHEEP POND / MA19799F195700	0	1	-	2043	\$0	\$213	\$0	\$8,423	CUSTER FIELD OLF / MI59799FA21600	0	1		2031	\$0	\$115	\$0	\$3,289										
TISBURY GREAT POND / MA19799F195500	0	1	-	2022	\$0	\$2,296	\$0	\$5,223	GRAND RAPIDS NGTR / MI59799F228200																		
WATERTOWN ARSENAL / MA19799F177700	3	1	2014	1994	\$4,879	\$0	\$2,401	\$0	GROSSE ILE NAS - NIKE D-51 / MI59799F227500	1	1	2015	2002	\$737	\$19	\$1,049	\$0										
WESTOVER AFB / MA19799F177100	9	0	2013		\$8,230	\$0	\$1,188	\$0		2	1	2019	1998	\$5,547	\$1	\$2,169	\$0										
			2013	-	90,230		Ų1,100	Ψ0	HAT ISLAND TARGET / MI59799FA21000	0	1	-	2023	\$0	\$114	\$0	\$1,469										
									MUSKEGON ORD PLANT / MI59799F230500	1	0	-	-	\$7,789	\$0	\$371	\$0										
									NIKE D-54/55 - RIVERVIEW / MI59799F226700	2	0	2016	-	\$592	\$0	\$2,032	\$0										
									NIKE D-57/58 - NEWPORT / MI59799F226800	2	0	2019		\$1.488	\$0	\$429	\$0										

SAULT STE MARIE AFS / MI59799F232000

\$4,007

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Installation / FFID		Total er of Sites		al RC Y)	Throu	ncurred gh FY10 000)		Completion imate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Michigan									Minnesota								
									ARMY								
USCG AIR STATION/CHERRY CAPITAL AIRPORT / MI59799F224900	0	1	-	2031	\$0	\$157	\$0	\$3,663	FORT SNELLING USARC/AMSA / MN521042085300	36	4	2012	2009	\$87	\$199	\$165	\$(
WILLOW RUN AIRPORT / MI59799F231800	4	0	2018	-	\$1,495	\$0	\$766	\$0	JFHQ MN ARNG / MN52118270NG00	0	11	-	2019	\$0	\$366	\$0	\$6,383
									AIR FORCE								
									DULUTH INTERNATIONAL AIRPORT / MN557282847300	18	5	2021	2016	\$13,986	\$2,142	\$6,671	\$3,04
									MINNEAPOLIS-ST. PAUL MAP/IAP / MN557282427500	7	1	2021	2004	\$10	\$0	\$1,331	\$(
									FORMERLY USED DEFENSE SITES								
									DULUTH INTERNATIONAL AIRPORT / MN59799F237400	2	0	2011	-	\$4,042	\$0	\$1,085	\$0
									GOPHER ORD PLT ROSEMOUNT / MN59799F236700	1	0	2012	-	\$788	\$0	\$60	\$0
									NIKE SITE MSP #70 / MN59799F238700	2	0	2014	-	\$366	\$0	\$186	\$(

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal r of Sites		al RC (Y)	Costs In Through	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Mississippi									Missouri								
ARMY									ARMY								
JFHQ MS ARNG / MS42118280NG00	0	3	-	2021	\$0	\$138	\$0	\$2,106	CAMP CROWDER / MO721182921000 / (3)	4	0	2015		\$7,178	\$0	\$0	\$0
MISSISSIPPI ARMY AMMUNITION PLANT / MS421382296600	45	2	1990	2012	\$0	\$1,063	\$0	\$0	ST LOUIS ORDNANCE PLANT / MO721042246500 / (3)	17	0	2011		\$4,730	\$0	\$3,406	\$0
NAVY									WELDON SPRING TRAINING AREA / MO721372998500 / (3)	2	0	2040	-	\$1,255	\$0	\$5,231	\$0
MERIDIAN NAS / MS417002436800 / (3)	9	0	2015	-	\$10,901	\$0	\$2,617	\$0	NAVY	<u> </u>							
AIR FORCE	"								KANSAS CITY MCSA / MO717006738600	1	0	2032		\$147	\$0	\$807	\$0
GULFPORT BILOXI REGIONAL AIRPORT / MS457282593300	3	2	2013	2015	\$6,823	\$0	\$480	\$1,084	KANSAS CITY MO MCRCO / MO017006738600 / (3)	1	0	2021		\$161	\$0	\$864	\$0
KEESLER AIR FORCE BASE / MS457152416400 / (1) / (3)	24	0	2018	-	\$36,287	\$0	\$2,331	\$0	AIR FORCE	<u> </u>							
KEY FIELD (MERIDIAN) / MS457282590400	10	0	2014	-	\$6,326	\$0	\$1,014	\$0	RICHARDS-GEBAUR AFB / MO757002429200 / (1) / (3)	12	0	2999		\$12,063	\$0	\$3,049	\$0
FORMERLY USED DEFENSE SITES									WHITEMAN AIR FORCE BASE / MO757212454900 / (1) / (3)	46	2	2010	2003	\$30,020	\$0	\$1,274	\$0
CAMP SHELBY MANUVER AREA / MS49799F012000	0	1	-	2014	\$0	\$48	\$0	\$496	FORMERLY USED DEFENSE SITES								
COLUMBUS PRC BOMB RGE #1 / MS49799F005500	0	1	-	2066	\$0	\$132	\$0	\$4,966	FEDERAL CENTER COMPLEX / MO79799F034500	2	0	1997		\$1,819	\$0	\$3,350	\$0
COLUMBUS PRE BOMB RGE #3 / MS49799F005600	0	1	-	2068	\$0	\$127	\$0	\$4,965	FT CROWDER / M079799F034700	3	2	2003	2015	\$1,265	\$1,203	\$530	\$21
COLUMBUS PRE BOMB RGE #4 / MS49799F005700	0	1	-	2067	\$0	\$122	\$0	\$4,964	JEFFERSON BARRACKS TAR RG / MO79799F035200	0	2	-	2028	\$0	\$162	\$0	\$4,340
GREENVILLE AFB / MS49799F006600	1	1	2010	2072	\$2,106	\$146	\$5	\$6,000	MALDEN AIR BASE / MO79799F034600	1	1	1995	2055	\$146	\$144	\$0	\$1,476
GREENWOOD ARMY AF / MS49799F005400	0	1	-	2066	\$0	\$0	\$0	\$6,866	RICHARDS-GEBAUR AFB / MO79799F039500	4	0	2010		\$4,368	\$0	\$230	\$0
GRENADA AAF RIFLE RGE / MS49799F003100	0	1	-	2068	\$0	\$161	\$0	\$1,329	ROSECRANS ARMY AIR FIELD & NATIONAL GUARD / MO79799F036200	2	1	2000	2056	\$466	\$145	\$0	\$1,475
GULFPORT ARMY AIR FIELD / MS49799F003800	1	1	2006	2065	\$730	\$162	\$0	\$3,109	SEDALIA AAF RIFLE RANGE / MO79799F040000	0	1	-	2056	\$0	\$366	\$0	\$1,489
KEESLER SMALL ARMS RGE / MS49799F010700	0	1	-	2065	\$0	\$151	\$0	\$1,118	VICHY AAF / MO79799F040200	1	1	1995	2056	\$220	\$128	\$0	\$1,558
SMITH CO BOMB & GUN RGE / MS49799F006300	0	1	-	2068	\$0	\$164	\$0	\$5,093	WHITEMAN COMMUNICATIONS TRANSMITTER SITE / MO79799F679600	2	0	2013	-	\$1,456	\$0	\$2,475	\$0
YAZOO BOMBING RANGE / MS49799F012500	0	1	-	2027	\$0	\$220	\$0	\$4,995		,	,						

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0			Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Montana									Nebraska								
ARMY									ARMY								
FORT MISSOULA ARNG / MT821183058500	0	6	-	2017	\$0	\$1,321	\$0	\$5,459	JFHQ NE ARNG / NE72118310NG00	0	10	-	2020	\$0	\$282	\$0	\$6,536
FORT WILLIAM HENRY HARRISON / MT821183008000	11	3	1996	2015	\$0	\$558	\$0	\$1,657	AIR FORCE								
AIR FORCE	<u> </u>								LINCOLN MUNICIPAL AIRPORT / NE757282418700	13	0	2011	-	\$3,776	\$0	\$0	\$0
GREAT FALLS INTERNATIONAL AIRPORT / MT857282592300	8	0	2012	-	\$6,783	\$0	\$1,338	\$0	FORMERLY USED DEFENSE SITES			,			,	'	
FORMERLY USED DEFENSE SITES									AINSWORTH AAF / NE79799F041500	1	0	2014	-	\$135	\$0	\$1,033	\$0
FORT PECK AER GUN RGE / MT89799F062100	0	1	-	2011	\$0	\$88	\$0	\$10	BRUNING ARMY AIR FIELD / NE79799F042000	1	0	2018	-	\$115	\$0	\$817	\$0
GLASGOW PATTERN BOMB RGE / MT89799F062800	0	1	-	2037	\$0	\$103	\$0	\$2,298	BRUNING TARGET RANGE / NE79799F042100	0	1	-	2037	\$0	\$102	\$0	\$4,370
GLASGOW PATTERN GUN RGE / MT89799F062900	0	1	-	2012	\$0	\$88	\$0	\$10	CASPER PREC BMG RNG #5 / NE79799F042200	0	1	-	2037	\$0	\$88	\$0	\$2,244
GREAT FALLS PATTERN BOMB RGE / MT89799F063500	0	1	-	2037	\$0	\$112	\$0	\$2,298	FAIRMONT PREC BMG RNG #2 / NE79799F042400	0	1	-	2037	\$0	\$109	\$0	\$2,361
GREAT FALLS PATTERN GUN RGE / MT89799F063600	0	1	-	2011	\$0	\$88	\$0	\$10	FE WARREN AFB FAC SITE 8 / NE79799F041400	1	0	2017	-	\$2,161	\$0	\$8,275	\$0
LEWISTOWN ARMY AIR FIELD / MT89799F064000	1	1	1996	2036	\$50	\$94	\$0	\$3,266	GRAND ISLAND PREC BMG RG #1 / NE79799F042800	0	1	-	2037	\$0	\$99	\$0	\$2,244
LEWISTOWN PATTERN BOMB RGE / MT89799F064100	0	1	-	2038	\$0	\$110	\$0	\$2,519	GRAND ISLAND PREC BMG RG #4 / NE79799F042900	0	1	-	2038	\$0	\$96	\$0	\$2,288
LEWISTOWN PATTERN GUN RGE / MT89799F064200	0	1	-	2011	\$0	\$88	\$0	\$10	HARVARD AAF / NE79799F043200	1	1	1996	2036	\$55	\$99	\$0	\$1,389
									HARVARD PREC BMG RNG #2 / NE79799F043300	0	1	-	2038	\$0	\$93	\$0	\$2,289
									HARVARD PREC BMG RNG #3 / NE79799F043400	0	1	-	2038	\$0	\$94	\$0	\$2,288
									KEARNEY RIFLE RANGE / NE79799F043900	1	1	2006	2036	\$323	\$103	\$0	\$1,389
									LINCOLN AFB AF FAC S-1 / NE79799F047800	2	0	2013	-	\$6,774	\$0	\$4,026	\$0
										1		<b>_</b>					

LINCOLN AFB AF FAC S-3 / NE79799F048000

LINCOLN AFB AF FAC S-4 / NE79799F046900

2011

\$5,321

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

FY11 to Completion Cost Estimate (\$000)

MMRP

IRP

\$1,439

\$711

\$578

\$27

\$7,031

\$2,520

Neural a	Installation / FFID		Total er of Sites		al RC FY)		ncurred gh FY10 000)	FY11 to C Cost Estir	Completion nate (\$000)	Number of Sites (FY) Throu	Incurred ugh FY10 \$000)
ARMY		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP MMRP IRP MMRP IRP	MMR
LINCOLN AFB AFFAC S of NEPTYPPPOPOPTINO	Nebraska									Nevada	
LINCOLN AFB AF FAC S-7 / NEPPPPPFB4T100  1 0 2012										ARMY	
1	LINCOLN AFB AF FAC S-6 / NE79799F047000	1	0	2014	-	\$401	\$0	\$3,335	\$0	JFHQ NV ARNG / NV92118320NG00 0 2 - <b>2021</b> \$	\$0 \$2
LINCOLN AFB NIKE BATTERY LIGI / NEPT/1996F045500 2 0 2014 - \$357 \$50 \$52.455 \$50 \$  LINCOLN AFB NIKE BATTERY LIGI / NEPT/1996F045500 2 0 2014 - \$357 \$50 \$52.455 \$50 \$  LINCOLN ARMO STOR ANX / NEPT/1996F04500 3 1 2008 2034 \$52.26 \$50 \$3.141 \$50 \$  LINCOLN AMMO STOR ANX / NEPT/1996F04500 0 1 - 2035 \$50 \$117 \$50 \$4.005 \$  MCCOOK FRE BOMB RGE NO 1 / NEPT/1996F044200 0 1 - 2035 \$50 \$117 \$50 \$4.005 \$  MCCOOK FRE BOMB RGE NO 2 / NEPT/1996F044200 0 2 0 2011 - \$10.846 \$50 \$3.005 \$50 \$4.205 \$  OMAHA AF STA Z-71 / NEPT/1996F044200 0 2 1 - 2036 \$50 \$110 \$50 \$4.205 \$  OMAHA AF STA Z-71 / NEPT/1996F044200 0 1 1 - 2035 \$50 \$110 \$50 \$4.205 \$  OMAHA AF STA Z-71 / NEPT/1996F044200 0 1 1 - 2035 \$50 \$110 \$50 \$4.205 \$  OMAHA AF STA Z-71 / NEPT/1996F044200 0 1 1 - 2035 \$50 \$110 \$50 \$4.205 \$  OMAHA AF STA Z-71 / NEPT/1996F044400 0 1 1 - 2035 \$50 \$110 \$50 \$4.205 \$  OMAHA AF STA Z-71 / NEPT/1996F044400 0 1 1 - 2035 \$51 \$510 \$50 \$51.20 \$50 \$4.205 \$  OMAHA AF STA Z-71 / NEPT/1996F044400 0 1 1 - 2035 \$51 \$510 \$50 \$51.20 \$50	LINCOLN AFB AF FAC S-7 / NE79799F047100	1	0	2012	-	\$1,407	\$0	\$2,757	\$0	AIR FORCE	
LINCOLN AIR FORCE BASE / NEP9799F045200 3 1 2016 2001 \$2.259 \$50 \$3.141 \$50 \$1.000 \$1 \$2.259 \$50 \$3.141 \$50 \$1.000 \$1 \$2.259 \$50 \$3.141 \$50 \$1.000 \$1 \$2.259 \$50 \$3.141 \$50 \$1.000 \$1 \$2.259 \$50 \$3.141 \$50 \$1.000 \$1 \$2.000 \$1 \$2.259 \$1.000 \$1.000 \$1.000 \$1 \$2.259 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.	LINCOLN AFB AF FAC S-8 / NE79799F041300	2	0	2015	-	\$1,095	\$0	\$8,838	\$0	NELLIS AIR FORCE BASE / NV957212411000 54 13 <b>2011 2014</b> \$59,80	)4 \$3,6
1   2016   2001   \$2.269   \$0   \$3.141   \$0   \$0   \$1   \$0   \$2012   \$0   \$4.75   \$0   \$0   \$0   \$0   \$0   \$0   \$0   \$	LINCOLN AFB NIKE BATTERY LI-01 / NE79799F045500	2	0	2014	-	\$357	\$0	\$2,455	\$0		)2
LINCOLN AMMO STOR ANX / NE79799F044500   3	LINCOLN AIR FORCE BASE / NE79799F045200	3	1	2016	2001	\$2,269	\$0	\$3,141	\$0		
LAKE MEAD BASE / NV99799F04400	LINCOLN AMMO STOR ANX / NE79799F046500	3	1	2008	2034	\$523	\$100	\$0	\$4.964	FORT MCDERMITT / NV99/99F986000 1 0 2012 - \$43	:7
MCCOOK PRE BOMB RGE NO 2 / NE79799F044200   0				2008	2034	\$323	\$100	30	34,704	LAKE MEAD BASE / NV99799F601400 0 1 - <b>2070</b> \$	\$0 \$1
MCCOCK PRE BOMB RGE NO 2 / NE79799F044200  0 1 - 2033 S0 S119 S0 S4_282  OFFUTT AFB AF FAC S-2 / NE79799F045900  2 0 2011 - \$10,846 S0 S3_906 S0  OMAHA AF STA Z-71 / NE79799F050800  2 0 2013 - \$327 S0 S42  PIERCE AIR TO GRN GNRY R / NE79799F044400  0 1 - 2036 S0 S100 S0 S100 S0 S1_290  SCOTTSBLUFF AAF / NE79799F044500  0 1 - 2038 S16 S10 S10 S0 S1_681  SCOTTSBLUFF HIGH ALT BMG RNG / NE79799F044600  0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MCCOOK PRE BOMB RGE NO 1 / NE79799F044100	0	1	-	2035	\$0	\$117	\$0	\$4,038	NELLIS AIR FORCE RANGE, AREA E / NV99799F911100	50 \$1
OFFUTT AFB AF FAC S-2 / NE79799F045900  2 0 2011 - \$10,846 \$0 \$3,906 \$0  OMAHA AF STA Z-71 / NE79799F050800  2 0 2013 - \$327 \$0 \$945 \$0  PIERCE AIR TO GRN GNRY R / NE79799F044300  0 2 - 2039 \$0 \$142 \$0 \$4,257  PLATTSMOUTH RIFLE RANGE / NE79799F044400  0 1 - 2036 \$0 \$100 \$0 \$1,390  SCOTTSBLUFF AAF / NE79799F044500  0 1 - 2035 \$16 \$102 \$0 \$1,681	MCCOOK PRE BOMB RGE NO 2 / NE79799F044200	0	1	-	2033	\$0	\$119	\$0	\$4,282		0 31
PIERCE AIR TO GRN GNRY R / NE79799F044300	OFFUTT AFB AF FAC S-2 / NE79799F045900	2	0	2011	-	\$10,846	\$0	\$3,906	\$0	1 0 2012 - \$344	4
0 2 - 2039 S0 \$142 S0 \$4,257  PLATTSMOUTH RIFLE RANGE / NE79799F044400 0 1 - 2036 S0 \$100 \$0 \$1,390  SCOTTSBLUFF AAF / NE79799F044500 0 1 - 2035 \$16 \$102 \$0 \$1.681	OMAHA AF STA Z-71 / NE79799F050800	2	0	2013	-	\$327	\$0	\$945	\$0		
0 1 - 2036 S0 \$100 S0 \$1,390  SCOTTSBLUFF AAF / NE79799F044500 0 1 - 2035 \$16 \$102 S0 \$1,681	PIERCE AIR TO GRN GNRY R / NE79799F044300	0	2	-	2039	\$0	\$142	\$0	\$4,257		
0 1 - <b>2035</b> \$16 \$102 \$0 \$1,681  SCOTTSBLUFF HIGH ALT BMG RNG / NE79799F044600	PLATTSMOUTH RIFLE RANGE / NE79799F044400	0	1	-	2036	\$0	\$100	\$0	\$1,390		
SCOTTSBLUFF HIGH ALT BMG RNG / NE79799F044600 0 1 - <b>2040</b> \$0 \$116 \$0 \$2,272	SCOTTSBLUFF AAF / NE79799F044500	0	1	-	2035	\$16	\$102	\$0	\$1,681		
	SCOTTSBLUFF HIGH ALT BMG RNG / NE79799F044600	0	1	-	2040	\$0	\$116	\$0	\$2,272		

\$1,383

\$2,272

\$102

SCOTTSBLUFF MOV TARGET RNG / NE79799F044700

STANTON LOW ALT BMG RNG / NE79799F044900

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	ncurred h FY10 00)	FY11 to C Cost Estir	Completion nate (\$000
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Hampshire									New Jersey								
ARMY									ARMY								
COLD REGIONS RESEARCH LABORATORY / NH121082255600 / (3)	18	0	2024	-	\$13,465	\$0	\$4,777	\$0	CAMP KILMER / NJ221402260600 / (1) / (3)	4	0	2016	-	\$4,068	\$0	\$574	\$0
AIR FORCE									JFHQ NJ ARNG / NJ22118340NG00	0	1	-	2012	\$0	\$92	\$0	\$281
NEW BOSTON AIR FORCE STATION / NH157112402300 / (3)	12	9	1994	2017	\$367	\$14,816	\$75	\$495	SGT J.W. JOYCE KILMER USARC / NJ22104NJ00200	16	0	2011	-	\$140	\$0	\$290	\$0
PEASE AIR FORCE BASE / NH157282484700	2	0	2021		\$1,037	\$0	\$904	\$0	USARC CAVEN POINT / NJ221042250100	15	0	2012	-	\$97	\$0	\$79	\$0
FORMERLY USED DEFENSE SITES									USARC LODI / NJ221042143700								
GRENIER MIL AF / NH19799F208000	2	0	2012		\$387	\$0	\$18	\$0		8	0	2012	•	\$0	\$0	\$606	\$0
									NAVY								
									COLTS NECK NWS EARLE / NJ217002217200 / (1) / (3)	69	1	2037	2008	\$32,906	\$106	\$6,224	\$0
									AIR FORCE								
									ATLANTIC CITY AIRPORT / NJ257282844900	5	0	2017	-	\$2,157	\$0	\$1,637	\$0
									FORT DIX / NJ221042027500 / (1) / (3)	45	7	2018	2018	\$19,129	\$401	\$1,074	\$2,077
									LAKEHURST NAWCAD / NJ217002727400 / (1) / (3)	45	6	2049	2017	\$61,297	\$1,568	\$5,250	\$0
									FORMERLY USED DEFENSE SITES	Н							
									ATLANTIC CITY NAS / NJ29799F895900	1	4	2015	2023	\$2,398	\$965	\$2,939	\$0
									BELLE MEAD GEN DEPOT / NJ29799F094000	1	0	2026		\$0	\$0	\$526	\$0
									BURLINGTON AAP / NJ29799F093900	2	0	2015	-	\$369	\$0	\$1,345	\$0
									CAPE MAY BAT SITE / NJ29799F097300	1	1	2011	1995	\$13	\$0	\$103	\$0
									CAVEN PT AR TER / NJ29799F692500	1	0	2017	-	\$13	\$0	\$1,253	\$0
									CP KILMER / NJ29799F097200	1	1	2012	1996	\$9	\$0	\$310	\$0
									DEAL TEST SITE / NJ29799F097800	1	0	2016	-	\$95	\$0	\$1,158	\$0
									DENIS CREEK / NJ29799F104000	0	1		2023	\$0	\$135	\$0	\$1,901

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0			Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Jersey									New Mexico								
									ARMY								
FORT MOTT / NJ29799F098300	1	0	2011	-	\$281	\$0	\$94	\$0	JFHQ NM ARNG / NM62118350NG00	0	10	-	2019	\$0	\$391	\$0	\$8,248
GREENWICH / NJ29799F104400	0	1	-	2026	\$0	\$109	\$0	\$1,125	FORMERLY USED DEFENSE SITES								
JEFFERS TARGET AREA / NJ29799F895800	0	1	-	2029	\$0	\$162	\$0	\$2,561	CARLSBAD PBR #1 / NM69799F615100	0	1	-	2084	\$0	\$151	\$0	\$2,274
NAS CAPE MAY / NJ29799F104800	1	0	2019	-	\$58	\$0	\$4,724	\$0	CARLSBAD PBR #10 / NM69799F616000	0	1	-	2085	\$0	\$135	\$0	\$2,274
NAV SHIPBLDG CORP / NJ29799F101600	1	0	2017	-	\$12	\$0	\$539	\$0	CARLSBAD PBR #11 / NM69799F616100	0	1	-	2091	\$0	\$126	\$0	\$2,305
NAVAL BOMBING TARGET / NJ29799F958300	0	1	-	2026	\$0	\$149	\$0	\$3,314	CARLSBAD PBR #12 / NM69799F616200	0	1	-	2085	\$0	\$140	\$0	\$2,274
NIKE BAT #23-25 / NJ29799F095500	1	0	2011		\$240	\$0	\$507	\$0	CARLSBAD PBR #13 / NM69799F616300	0	1	-	2091	\$0	\$127	\$0	\$2,274
NIKE BAT NY 80 / NJ29799F094400	2	0	2017		\$62	\$0	\$469	\$0	CARLSBAD PBR #14 / NM69799F616400	0	1	-	2086	\$0	\$132	\$0	\$2,319
NIKE NY 88 / NJ29799F095300	2	0	2026	-	\$13	\$0	\$400	\$0	CARLSBAD PBR #15 / NM69799F616500	0	1	-	2088	\$0	\$131	\$0	\$2,274
NIKE NY 93/94 / NJ29799F095000	1	0	2028	-	\$0	\$0	\$0	\$0	CARLSBAD PBR #16 / NM69799F616600	0	1	-	2085	\$0	\$127	\$0	\$2,274
NIKE NY-60 / NJ29799F094600	1	0	2017	-	\$13	\$0	\$161	\$0	CARLSBAD PBR #17 / NM69799F616700	0	1	-	2085	\$0	\$128	\$0	\$2,263
NIKE NY-73 / NJ29799F095200	2	0	2011	-	\$449	\$0	\$0	\$0	CARLSBAD PBR #18 / NM69799F616800	0	1	-	2088	\$0	\$133	\$0	\$2,274
NIKE PH 32 / NJ29799F095100	1	0	2016	-	\$0	\$0	\$56	\$0	CARLSBAD PBR #19 / NM69799F616900	0	1	-	2088	\$0	\$137	\$0	\$2,318
NIKE PH 41/43 / NJ29799F094900	1	0	2017	-	\$0	\$0	\$0	\$0	CARLSBAD PBR #2 / NM69799F615200	0	1	-	2092	\$0	\$148	\$0	\$2,274
NIKE PH 58 / NJ29799F094500	1	0	2027	-	\$0	\$0	\$0	\$0	CARLSBAD PBR #20 / NM69799F617000	0	1	-	2092	\$0	\$126	\$0	\$2,263
PALERMO COMMU FAC / NJ29799F099300	2	0	2018	-	\$782	\$0	\$353	\$0	CARLSBAD PBR #21 / NM69799F617100	0	1	-	2092	\$0	\$193	\$0	\$2,306
TUCKAHOE ROCKET RNG / NJ29799F104200	0	1	-	2023	\$0	\$144	\$0	\$8,569	CARLSBAD PBR #22 / NM69799F617200	0	1	-	2047	\$0	\$149	\$0	\$2,263
WELLSBACH PLT NOBS 258 / NJ29799F104700	1	0	2017	-	\$12	\$0	\$442	\$0	CARLSBAD PBR #23 / NM69799F617300	0	1	-	2085	\$0	\$174	\$0	\$2,305
	•								CARLSBAD PBR #24 / NM69799F617400	0	1	-	2085	\$0	\$158	\$0	\$2,274

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

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Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estir	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Mexico									New Mexico								
CARLSBAD PBR #25 / NM69799F617500	0	1	-	2048	\$0	\$150	\$0	\$2,340	DEMING AAF PBR #17 / NM69799F620500	0	1	-	2071	\$0	\$110	\$0	\$4,254
CARLSBAD PBR #26 / NM69799F617600	0	1	-	2092	\$0	\$150	\$0	\$2,319	DEMING AAF PBR #18 / NM69799F620600	0	1	-	2070	\$0	\$108	\$0	\$3,543
CARLSBAD PBR #3 / NM69799F615300	0	1	-	2092	\$0	\$159	\$0	\$2,351	DEMING AAF PBR #19 / NM69799F620700	0	1	-	2071	\$0	\$111	\$0	\$4,262
CARLSBAD PBR #4 / NM69799F615400	0	1	-	2085	\$0	\$139	\$0	\$2,351	DEMING AAF PBR #2 / NM69799F619000	0	1	-	2041	\$0	\$217	\$0	\$3,793
CARLSBAD PBR #5 / NM69799F615500	0	1	-	2092	\$0	\$139	\$0	\$2,305	DEMING AAF PBR #20 / NM69799F620800	0	1	-	2065	\$0	\$124	\$0	\$3,186
CARLSBAD PBR #6 / NM69799F615600	0	1	-	2092	\$0	\$138	\$0	\$2,305	DEMING AAF PBR #21 / NM69799F620900	0	1	-	2068	\$0	\$119	\$0	\$4,254
CARLSBAD PBR #7 / NM69799F615700	0	1	-	2091	\$0	\$139	\$0	\$2,274	DEMING AAF PBR #22 / NM69799F621000	0	1	-	2041	\$0	\$126	\$0	\$3,218
CARLSBAD PBR #8 / NM69799F615800	0	1	-	2091	\$0	\$139	\$0	\$2,274	DEMING AAF PBR #23 / NM69799F621100	0	1	-	2069	\$0	\$116	\$0	\$4,254
CARLSBAD PBR #9 / NM69799F615900	0	1	-	2091	\$0	\$132	\$0	\$2,274	DEMING AAF PBR #24 / NM69799F621200	0	1	-	2069	\$0	\$118	\$0	\$4,254
CLO AFB NARA VI PBR #1 / NM69799F617800	0	1	-	2069	\$0	\$238	\$0	\$9,140	DEMING AAF PBR #3 / NM69799F619100	0	1	-	2068	\$0	\$114	\$0	\$3,687
DEMING AAF / NM69799F618400	5	3	2014	2092	\$1,528	\$310	\$1,057	\$1,701	DEMING AAF PBR #4 / NM69799F619200	0	1	-	2070	\$0	\$111	\$0	\$3,419
DEMING AAF PBR #1 / NM69799F618900	0	1	-	2067	\$0	\$219	\$0	\$3,752	DEMING AAF PBR #5 / NM69799F619300	0	1	-	2066	\$0	\$127	\$0	\$3,622
DEMING AAF PBR #10 / NM69799F619800	0	1	-	2066	\$0	\$123	\$0	\$3,196	DEMING AAF PBR #6 / NM69799F619400	0	1	-	2069	\$0	\$132	\$0	\$3,543
DEMING AAF PBR #11 / NM69799F619900	0	1	-	2041	\$0	\$126	\$0	\$3,082	DEMING AAF PBR #7 / NM69799F619500	0	1	-	2092	\$0	\$173	\$0	\$2,440
DEMING AAF PBR #12 / NM69799F620000	0	1	-	2093	\$0	\$108	\$0	\$3,418	DEMING AAF PBR #8 / NM69799F619600	0	1	-	2071	\$0	\$137	\$0	\$3,545
DEMING AAF PBR #13 / NM69799F620100	0	1	-	2070	\$0	\$118	\$0	\$3,542	DEMING AAF PBR #9 / NM69799F619700	0	1	-	2065	\$0	\$139	\$0	\$3,082
DEMING AAF PBR #14 / NM69799F620200	0	1	-	2066	\$0	\$128	\$0	\$3,556	HAFB UPPER ARC / NM69799F622900	1	0	-	-	\$0	\$0	\$763	\$0
DEMING AAF PBR #15 / NM69799F620300	0	1	-	2070	\$0	\$127	\$0	\$3,477	HOBBS PBR #12 / NM69799F623600	0	1	-	2065	\$0	\$118	\$0	\$4,253
DEMING AAF PBR #16 / NM69799F620400	0	1	-	2070	\$0	\$123	\$0	\$3,285	HOBBS PBR #14 / NM69799F623700	0	1	-	2075	\$0	\$118	\$0	\$3,395

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Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estir	Completion mate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Mexico									New Mexico								
HOBBS PBR #16 / NM69799F623900	0	1	-	2075	\$0	\$118	\$0	\$3,529	KIRTLAND AFB PBR 17, TRGT S-4 / NM69799F907900	0	1	-	2067	\$0	\$297	\$0	\$3,202
HOBBS PBR #6 / NM69799F623300	0	1	-	2073	\$0	\$184	\$0	\$3,395	KIRTLAND AFB PBR 18, TRGT S-5 / NM69799F908000	0	1	-	2093	\$0	\$366	\$0	\$3,302
HOBBS PBR #7 / NM69799F623400	0	1	-	2070	\$0	\$118	\$0	\$3,395	KIRTLAND AFB PBR 19 TRGT S-6 / NM69799F908100	0	1	-	2065	\$0	\$297	\$0	\$2,730
KAFB PBR 22 TRGT S-9 / NM69799F908400	0	1	-	2066	\$0	\$110	\$0	\$3,003	KIRTLAND AFB PBR 20 TRGT S-7 / NM69799F908200	0	1	-	2067	\$0	\$97	\$0	\$3,059
KIRTLAND AFB DEM BOMB RGE / NM69799F624900	0	1	-	2063	\$0	\$186	\$0	\$3,228	KIRTLAND AFB PBR 21 TRGT S-8 / NM69799F908300	0	1	-	2067	\$0	\$100	\$0	\$3,002
KIRTLAND AFB PBR #N-10 / NM69799F625200	0	1	-	2065	\$0	\$162	\$0	\$2,871	KIRTLAND AFB PBR 4 TRGT N-7 / NM69799F907400	0	1	-	2067	\$0	\$345	\$0	\$3,369
KIRTLAND AFB PBR #N-12 / NM69799F625300	0	1	-	2074	\$0	\$149	\$0	\$3,603	KIRTLAND AFB PBR 8 TRGT N-11 / NM69799F907500	0	1	-	2065	\$0	\$10	\$0	\$3,421
KIRTLAND AFB PBR #N13 / NM69799F625400	0	1	-	2073	\$0	\$112	\$0	\$3,371	KIRTLAND AFB PBR N1 N3 / NM69799F624100	0	1	-	2016	\$0	\$5,431	\$0	\$7,691
KIRTLAND AFB PBR #N-14 / NM69799F625500	0	1	-	2068	\$0	\$112	\$0	\$3,376	KIRTLAND PBR 3, TRGT N-6 / NM69799F907300	0	1	-	2067	\$0	\$387	\$0	\$3,676
KIRTLAND AFB PBR #N-8 / NM69799F625000	0	1	-	2068	\$0	\$165	\$0	\$3,370	LAS CRUCES AFS M-95 / NM69799F625900	5	0	2012	-	\$619	\$0	\$112	\$0
KIRTLAND AFB PBR #N-9 / NM69799F625100	0	1	-	2074	\$0	\$163	\$0	\$3,257	LOS LUNAS AIRFORCE RANGE / NM69799F907600	0	1	-	2067	\$0	\$8	\$0	\$3,306
KIRTLAND AFB PBR #S10 / NM69799F624300	0	1	-	2065	\$0	\$252	\$0	\$2,798	PBR-2 TARGET N-5 / NM69799F902800	0	1	-	2063	\$0	\$153	\$0	\$2,573
KIRTLAND AFB PBR #S-11 / NM69799F624400	0	1	-	2074	\$0	\$264	\$0	\$3,302	ST NAZAIRE PBR #5 / NM69799F626600	0	1	-	2067	\$0	\$155	\$0	\$4,253
KIRTLAND AFB PBR #S-12 / NM69799F624500	0	1	-	2066	\$0	\$268	\$0	\$3,196	TIERRA AMARILLA AFS P-8 / NM69799F627200	1	0	2013	-	\$143	\$0	\$277	\$0
KIRTLAND AFB PBR #S-13 / NM69799F624600	0	1	-	2074	\$0	\$248	\$0	\$3,604	WAFB DEM BOMB RGE #35 / NM69799F629400	0	1	-	2087	\$0	\$134	\$0	\$2,347
KIRTLAND AFB PBR #S-14 / NM69799F624700	0	1	-	2067	\$0	\$211	\$0	\$3,921	WAFB ROSWELL N-1 PBR #17 / NM69799F631300	0	1	-	2086	\$0	\$142	\$0	\$2,207
KIRTLAND AFB PBR #S-15 / NM69799F624800	0	1	-	2074	\$0	\$213	\$0	\$4,078	WAFB ROSWELL N-10 PBR #10 / NM69799F630700	0	1	-	2085	\$0	\$144	\$0	\$2,351
KIRTLAND AFB PBR 15, TRGT S-2 / NM69799F907700	0	1	-	2067	\$0	\$301	\$0	\$3,114	WAFB ROSWELL N-11 PBR #28 / NM69799F631900	0	1	-	2092	\$0	\$159	\$0	\$2,250
KIRTLAND AFB PBR 16 TRGT S-3 / NM69799F907800	0	1	-	2067	\$0	\$312	\$0	\$3,396	WAFB ROSWELL N-12 PBR #27 / NM69799F631800	0	1	-	2086	\$0	\$144	\$0	\$2,680

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Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New Mexico									New York								
									ARMY								
WAFB ROSWELL N-2 PBR #19 / NM69799F631400	0	1	-	2092	\$0	\$132	\$0	\$2,263	AFRC ALBANY / NY221042141200	9	0	2012	-	\$0	\$0	\$605	\$0
WAFB ROSWELL N-7 PBR #8 / NM69799F630500	0	1	-	2086	\$0	\$159	\$0	\$2,318	FORT DRUM / NY221402028100	66	0	2015	=	\$87,576	\$0	\$6,989	\$0
WAFB ROSWELL N-8 PBR #11 / NM69799F630800	0	1	-	2092	\$0	\$150	\$0	\$2,307	FORT HAMILTON / NY221022039500	13	5	2014	2008	\$583	\$185	\$531	\$0
WAFB ROSWELL N-9 PBR #9 / NM69799F630600	0	1	-	2092	\$0	\$145	\$0	\$2,382	JFHQ NY ARNG / NY22118360NG00	0	23	-	2021	\$0	\$1,118	\$0	\$6,699
WAFB ROSWELL PBR #13 / NM69799F631000	0	1	-	2092	\$0	\$124	\$0	\$2,263	SENECA ARMY DEPOT ACTIVITY / NY221382083000 / (3)	72	13	2022	2013	\$92,687	\$12,819	\$3,558	\$2,092
WAFB ROSWELL PBR #14 / NM69799F631100	0	1	-	2086	\$0	\$143	\$0	\$2,351	USARC NIAGARA FALLS (AMSA 5) / NY221041DMZ200	26	0	2015	=	\$121	\$0	\$1,567	\$0
WAFB ROSWELL PBR #16 / NM69799F631200	0	1	-	2092	\$0	\$262	\$0	\$2,263	AIR FORCE	1							
WAFB ROSWELL PBR #21 / NM69799F631500	0	1	-	2086	\$0	\$191	\$0	\$2,274	FRANCIS S. GABRESKI (WEST HAMPTON) / NY257282424900	12	0	2013	-	\$12,211	\$0	\$948	\$0
WAFB ROSWELL PBR #22 / NM69799F631600	0	1	-	2085	\$0	\$138	\$0	\$2,351	HANCOCK FIELD / NY257282547500	16	2	2014	2014	\$6,129	\$0	\$1,410	\$1,426
WAFB ROSWELL S-10 / NM69799F629500	0	1	-	2092	\$0	\$245	\$0	\$2,390	NIAGARA FALLS INTERNATIONAL AIRPORT ARS / NY257122427300	15	0	2021	-	\$10,876	\$0	\$1,613	\$0
WAFB ROSWELL S-11 PBR #1 / NM69799F630000	0	1	-	2086	\$0	\$172	\$0	\$2,368	SCHENECTADY AIRPORT / NY257282589700	6	0	2012	-	\$3,899	\$0	\$221	\$0
WAFB ROSWELL S-12 PBR #25 / NM69799F631700	0	1	_	2092	\$0	\$132	\$0	\$2,306	FORMERLY USED DEFENSE SITES								
WAFB ROSWELL S-14 PBR #33 / NM69799F632100	0	_		2085	\$0	\$142	\$0		AFPLT NO 18 / NY29799F111400	1	0	2019	-	\$81	\$0	\$892	\$0
WAFB ROSWELL S-17 PBR #32 / NM69799F632000		•		2003	40	3142	30	32,307	AFPLT NO 51 / NY29799F111700	3	0	2010		\$2,616	\$0	\$260	\$0
WAFB ROSWELL S-18 PBR #34 / NM69799F632200	0	1	-	2049	\$0	\$141	\$0	\$2,306	AFPLT NO 68 / NY29799F111800	1	0	2016	-	\$0	\$0	\$0	\$0
	0	1	-	2065	\$0	\$155	\$0	\$3,648	ATL BASIN IRON WORKS / NY29799F130100	1	0	2019	-	\$16	\$0	\$207	\$0
WAFB ROSWELL S-6 PBR #6 / NM69799F630300	0	1	-	2086	\$0	\$137	\$0	\$2,318	BANGOR GAP FIL AX / NY29799F112700	2	0	2017	-	\$13	\$0	\$94	\$0
WAFB ROSWELL S-7 PBR #7 / NM69799F630400	0	1	-	2075	\$0	\$142	\$0	\$3,530	CARTWRIGHT IS BOMB TAR / NY29799F129700	0	1	-	2044	\$0	\$151	\$0	\$1,755
WAFB ROSWELL S-8 PBR #4 / NM69799F630100	0	1	-	2092	\$0	\$159	\$0	\$2,318	CHARLOTTE CEN GFA / NY29799F114000	1	0	2017	_	\$13	\$0	\$98	\$0
WAFB ROSWELL S-9 PBR #5 / NM69799F630200	0	1	-	2092	\$0	\$147	\$0	\$2,306									

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		otal er of Sites		aal RC FY)	Throug	ncurred gh FY10 000)		Completion mate (\$000)	Installation / FFID		Total er of Sites		al RC FY)	Costs In Throug (\$0			Completion mate (\$000
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New York									New York								
COLD SPRING FOUNDRY / NY29799F980900	0	2	-	2023	\$0	\$4,835	\$0	\$0	NAVY BARRACKS BKLYN / NY29799F785200	1	0	2017	-	\$12	\$0	\$330	\$
ELMIRA SUB DEPOT / NY29799F108900	1	0	2017		\$13	\$0	\$176	\$0	NAVY TRAINING SCHOOL / NY29799F954700	1	0	2019		\$0	\$0	\$160	s
ENGINEER SCH / NY29799F106700	3	0	2019		\$3,538	\$0	\$5,339	\$0	NIKE BAT NY 15 LAUNCH / NY29799F729500	2	0	2016		\$0	\$0	\$178	\$
FLOYD BENNETT FLD / NY29799F692300	2	0	2018	-	\$1,559	\$0	\$3,614	\$0	NIKE BU 18 / NY29799F107500	1	0	2019	-	\$108	\$0	\$228	\$
FORT H G WRIGHT / NY29799F114900	0	1	-	2027	\$0	\$273	\$0	\$1,092	NIKE BU 34/35 / NY29799F107600	2	0	2017	-	\$202	\$0	\$734	\$
FORT JAY / NY29799F115000	0	1	-	2037	\$0	\$179	\$0	\$883	NIKE BU 51/52 / NY29799F107800	2	0	2019	-	\$302	\$0	\$2,198	\$
FORT MICHIE / NY29799F115100	1	1	2017	2050	\$0	\$197	\$626	\$2,152	NIKE NF 03 / NY29799F107400	1	0	2013	-	\$125	\$0	\$200	\$1
FORT SLOCUM / NY29799F115500	2	1	2020	2048	\$56	\$17	\$4,184	\$1,602	NIKE NY 04/05 / NY29799F106900	1	0	2018	-	\$0	\$0	\$206	\$
FORT SLOCUM-NEPTUNE / NY29799F115600	1	0	2019	-	\$16	\$0	\$268	\$0	NIKE NY 09 / NY29799F108600	1	0	2017	-	\$13	\$0	\$165	\$
FT TILDEN / NY29799F692200	6	1	2016	2025	\$736	\$243	\$1,209	\$2,669	NIKE NY 29/30 / NY29799F108300	1	0	-	-	\$0	\$0	\$56	\$1
LOCKPORT AFS / NY29799F127400	2	0	2020	-	\$1,320	\$0	\$7,923	\$0	NORTHEASTERN INDUSTRIAL PARK / NY29799F105400	4	0	2014	-	\$6,145	\$0	\$4,406	\$
MADISON BKS TRGT R / NY29799F109000	1	1	1997	2025	\$140	\$179	\$0	\$1,541	OSWEGATCHIE GAP FIL AX / NY29799F119400	1	0	2017	-	\$16	\$0	\$102	\$
MILITARY OCEAN TER / NY29799F117600	1	0	2027	-	\$0	\$0	\$2,203	\$0	PLATTSBURG OTR MK AUX / NY29799F119900	1	0	2016	-	\$16	\$0	\$82	\$
MIT COMM FAC AX #1 REC / NY29799F117900	2	0	2017	-	\$13	\$0	\$207	\$0	PLATTSBURGH ATLAS S-1 / NY29799F109200	1	0	2017	-	\$0	\$0	\$128	\$
MONTAUK NAVAL SUB BASE / NY29799F127000	1	1	2010	2038	\$12	\$203	\$0	\$2,694	PLATTSBURGH ATLAS S-10 / NY29799F110100	1	0	2018	-	\$0	\$0	\$915	\$
MONTGOMERY AUX FLD #1 / NY29799F118200	1	0	2017	-	\$13	\$0	\$180	\$0	PLATTSBURGH ATLAS S-11 / NY29799F110200	3	0	2029	-	\$2,806	\$0	\$1,885	\$
NAV HOSPITAL / NY29799F126700	1	0	2026	-	\$0	\$0	\$0	\$0	PLATTSBURGH ATLAS S-12 / NY29799F110300	1	0	2021	-	\$0	\$0	\$0	\$
NAVSTORHOUSE-SHIPYARD / NY29799F129500	1	0	2017	-	\$12	\$0	\$155	\$0	PLATTSBURGH ATLAS S-4 / NY29799F109500	2	0	2016	-	\$20	\$0	\$176	\$
NAVY & MARINE CNTR #3 / NY29799F953600	1	0	2016		\$5	\$0	\$458	\$0	PLATTSBURGH ATLAS S-5 / NY29799F109600	1	0	2013		\$0	\$0	\$174	\$

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10		Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10		Completion mate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
New York									North Carolina								
									ARMY								
PLATTSBURGH ATLAS S-6 / NY29799F109700	1	0	2013	-	\$0	\$0	\$197	\$0	FORT BRAGG / NC421402012100 / (1) / (3)	90	1	2040	2013	\$29,115	\$360	\$7,450	\$0
PLATTSBURGH ATLAS S-8 / NY29799F109900	1	0	2013	-	\$0	\$0	\$137	\$0	JFHQ NC ARNG / NC42118370NG00	0	1	-	2012	\$0	\$85	\$0	\$225
PLATTSBURGH ATLAS S-9 / NY29799F110000	1	0	2019	-	\$0	\$0	\$1,517	\$0	AIR FORCE	1				1			1
ROOSEVELT FIELD / NY29799F871000	1	0	-	-	\$57	\$0	\$56	\$0	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT / NC457282589400	2	0	2016	-	\$4,062	\$0	\$4,084	\$0
ROTTERDAM INDUST. PARK / NY29799F730600	2	0	2017	-	\$517	\$0	\$586	\$0	POPE AIR FORCE BASE / NC457212447500	25	6	2013	2014	\$20,543	\$1,541	\$2,504	\$1,150
SAMPSON AFB / NY29799F759100	3	1	2028	2009	\$1,190	\$346	\$2,372	\$0	SEYMOUR JOHNSON AIR FORCE BASE / NC457212447400 / (3)	40	12	2011	2014	\$37,527	\$570	\$1,861	\$5,620
SHO BEA FIRE CON STA / NY29799F121100	<u> </u>	0	204.5		60	40	61	60	FORMERLY USED DEFENSE SITES								
	,	U	2016	-	\$0	\$0	\$1	\$0	CAMPBELL ISLAND / NC49799F971800	0	1	-	2062	\$0	\$168	\$0	\$5,964
STE OBS LIGHT ANX / NY29799F121900	1	0	2016	-	\$0	\$0	\$90	\$0	COROLLA NAVAL TARGET / NC49799F887400	0	1	-	2016	\$0	\$897	\$0	\$3,379
STE OUTER MARK AX / NY29799F122000	1	0	2013	-	\$16	\$0	\$140	\$0	FORT FISHER / NC49799F489600								<u> </u>
STERLING ENGINE CO / NY29799F130700	1	0	2018	-	\$12	\$0	\$253	\$0	JOCKEY'S RIDGE / NC49799F972000	0	1	-	2023	\$0	\$193	\$0	
STEWART AFB / NY29799F121400	2	0	2020	-	\$906	\$0	\$4,723	\$0	MANTEO NAV AUX AIR ST / NC49799F790300	0	1	-	2035	\$0	\$175	\$0	\$1,843
SUTTON COR GAP FIL AX / NY29799F122600	<u> </u>								MANTEO NAV AUX AIR 317 NC42727F720300	1	0	2014	-	\$1,195	\$0	\$850	\$0
	1	0	2016	-	\$16	\$0	\$98	\$0	NAAS EDENTON / NC49799F483300	3	1	2009	2045	\$3,909	\$234	\$3,908	\$3,258
SWINBURNE ISL S/LIGHT / NY29799F122700	2	0	2027	-	\$16	\$0	\$411	\$0	SOUTHERN SHORES / NC49799F972900	0	1		2031	\$0	\$150	\$0	\$6,404
SYOSSET NAV INDRESACFT / NY29799F125200	1	0	2016	•	\$16	\$0	\$235	\$0	WEEKSVILLE NAV AIR FAC / NC49799F491100	3	0	2000		\$885	\$0	\$0	
SYRACUSE AAF / NY29799F123200	1	0	2011	-	\$868	\$0	\$0	\$0				2000	•	9063	- 30	30	- 50
SYRACUSE AFS MCC-10 / NY29799F122800	1	0	2016	-	\$13	\$0	\$132	\$0									
US NAV TRG DEVICE CEN / NY29799F126300	2	1	2018	2049	\$114	\$154	\$546	\$5,018									
WATERTOWN AF STA 249 / NY29799F128600	1	0	2016	-	\$16	\$0	\$63	\$0									

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Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Installation / FFID		otal r of Sites		al RC (Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
North Dakota								
ARMY								
JFHQ ND ARNG / ND82118380NG00	0	7	-	2020	\$0	\$273	\$0	\$3,533
AIR FORCE				'				
CAVALIER AIR FORCE STATION / ND857112889500	6	1	2007	2014	\$425	\$0	\$0	\$0
GRAND FORKS AIR FORCE BASE / ND857212475900 / (1) / (3)	11	2	2024	2005	\$16,806	\$0	\$7,145	\$0
HECTOR FIELD INTERNATIONAL AIRPORT / ND857282592400	11	6	2015	2016	\$2,048	\$1,301	\$2,229	\$4,595

Installation / FFID		otal r of Sites		il RC Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Northern Mariana Islands								
FORMERLY USED DEFENSE SITES								
AMERICAN MEMORIAL PARK / CN99799F373300	1	0	2018	•	\$559	\$0	\$2,763	\$0
EDONI SITE / CN99799F739100	1	0	2019		\$1,096	\$0	\$3,864	\$0
HOSPITAL DUMP SITE / CN99799F373100	1	0	2018		\$109	\$0	\$1,388	\$0
KOBLER NAVAL SUPPLY CENTER / CN99799F844500	2	0	2020	•	\$913	\$0	\$2,290	\$0
MARPI POINT FIELD / CN99799F737700	0	1		2088	\$0	\$277	\$0	\$4,981
NAFTAN ORDNANCE DISPOSAL / CN99799F372600	0	1		2063	\$0	\$126	\$0	\$4,396
TANAPAG FUEL FARM / CN99799F947300	2	0	2020	-	\$769	\$0	\$9,834	\$0

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Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRI
Ohio								
ARMY								
JFHQ OH ARNG / OH52118390NG00	0	5	-	2021	\$0	\$327	\$0	\$4,1
USARC KINGS MILLS (AMSA 59) / OH52104OH07900 / (3)	12	0	2012	•	\$2,024	\$0	\$80	
AIR FORCE								
AIR FORCE PLANT 36 / OH557172462300 / (3)	33	0	2020	-	\$7,957	\$0	\$731	
AIR FORCE PLANT 85 / OH557172887000	13	0	2022		\$7,273	\$0	\$7,757	
GENTILE AFS / OH597152435700 / (1) / (3)	22	0	2028	-	\$4,922	\$0	\$1,916	
NEWARK AFB / OH557002465000 / (1) / (3)	14	0	2012	-	\$6,472	\$0	\$1,761	
RICKENBACKER AIR GUARD BASE / OH557282454400	2	0	2012	-	\$1,091	\$0	\$305	
RICKENBACKER ANGB / OH557002454400 / (1) / (3)	45	0	2036	-	\$26,868	\$0	\$7,935	
SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT / OH557282587300	6	0	2014	-	\$2,643	\$0	\$2,094	
TOLEDO EXPRESS AIRPORT / OH557282843600	9	1	2009	2018	\$5,822	\$0	\$43	
DEFENSE LOGISTICS AGENCY		,			,			
DSC COLUMBUS / OH597153922500	26	0	2021		\$3,549	\$0	\$0	
FORMERLY USED DEFENSE SITES								
CLEVELAND PLANT / OH59799F883400	0	1	-	2011	\$0	\$3,148	\$0	\$3
CLEVELAND TANK TESTING FARM / OH59799F348100	1	0	2019	-	\$266	\$0	\$693	
CLINTON COUNTY AIR FORCE BASE / OH59799F873200	1	0	2014	-	\$63	\$0	\$1,295	
COLUMBUS NAVAL AIR STATION / OH59799F862600	2	0	2015	-	\$756	\$0	\$854	
ERIE ARMY DEPOT / OH59799F364500	5	2	2009	2009	\$2,363	\$3,493	\$33	\$1,:
LORDSTOWN ORDNANCE DEPOT / OH59799F367400	4	1	2020	2002	\$6,493	\$16	\$6,652	

Installation / FFID		otal r of Sites		al RC (Y)		ncurred th FY10 00)		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Ohio								
MARION ENGINEER DEPOT / OH59799F367500 / (1) / (3)	2	0	2015	-	\$35,782	\$0	\$1,145	\$0
NIKE CL-48 - GARFIELD HEIGHTS / OH59799F365600	1	0	2015	-	\$1,390	\$0	\$584	\$0
ROSSFORD AD / OH59799F367800	3	1	2019	2008	\$801	\$0	\$1,184	\$0
SCIOTO ORDNANCE PLANT / OH59799F371500	2	1	2012	2003	\$8,749	\$17	\$1,326	\$0
WILKINS AIR FORCE STATION / OH59799F371300	2	0	2014	-	\$1,917	\$0	\$3,124	\$0
YOUNGSTOWN MUNIC AIRPORT / OH59799F370200	1	0	2015	-	\$97	\$0	\$1,270	\$0

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Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Oklahoma									Oregon								
ARMY									ARMY								
CAMP GRUBER / OK621184028000	1	0	2011	-	\$960	\$0	\$15	\$0	JFHQ OR ARNG / OR02118410NG00	0	7	-	2019	\$0	\$330	\$0	\$1,239
JFHQ OK ARNG / OK62118400NG00	0	3	-	2021	\$0	\$117	\$0	\$785	NAVY								
AIR FORCE									COOS HEAD NAV OCEAN PROCESSING FAC. / OR017002438400	1	0	2017	-	\$595	\$0	\$189	\$0
TULSA INTERNATIONAL AIRPORT / OK657282588700	3	0	2021		\$1,005	\$0	\$410	\$0	AIR FORCE								
WILL ROGERS WORLD AIRPORT / OK69799F730100	12	0	2021	-	\$0	\$0	\$2,698	\$0	CAMP RILEA / OR000000000003	3	0	2021	-	\$0	\$0	\$887	\$0
FORMERLY USED DEFENSE SITES	<u> </u>								COOS HEAD AIR NATIONAL GUARD STATION / OR057282438400	2	4	2014	2013	\$1,885	\$4,374	\$1,216	\$184
ARDMORE AIR FORCE BASE / OK69799F637600	3	1	2013	2007	\$3,828	\$249	\$5,730	\$0	KLAMATH FALLS IAP (KINGSLEY FIELD) / OR057282889700	10	3	2015	2015	\$6,526	\$0	\$1,738	\$2,370
CLINTON SHERMAN AFB / OK69799F636100 / (3)	4	4	2006	2069	\$17,360	\$194	\$5,795	\$1,285	PORTLAND INTERNATIONAL AIRPORT / OR057282426400 / (3)	11	0	2021	-	\$16,357	\$0	\$494	\$0
DELHI AUXILIARY AIR FIELD / OK69799F643300	0	1	-	2068	\$0	\$248	\$0	\$1,970	SOUTH PORTLAND FACILITY / ME157282727700	7	0	2021	-	\$0	\$0	\$1,263	\$0
FREDERICK AIRPORT INDUSTRIAL PARK / OK69799F638300	2	3	2005	2068	\$286	\$170	\$0	\$1,234	FORMERLY USED DEFENSE SITES								
GR SALT PL BOMB RGE / OK69799F636900	0	4	-	2048	\$0	\$4,017	\$0	\$2,871	COLD SPRINGS BOMBING RANGE / OR09799F308800	0	1	-	2052	\$0	\$126	\$0	\$9,180
MUSKOGEE AUX AF / OK69799F639800	0	1	_	2039	\$0	\$155	\$0	\$1,215	KINGSLEY FIELD / OR09799F853900	2	0	2011	-	\$795	\$0	\$350	\$0
SHAWNEE NAVAL AIR STATION / OK69799F639100	1	1	1998	2068	\$402	\$168	\$0	\$1,173	NORTH BEND AIRPORT / OR09799F808500	2	1	1998	2055	\$438	\$116	\$0	\$1,970
									PORTLAND AIR BASE / OR09799F034200	0	1	-	2023	\$0	\$328	\$0	\$4,087
									S E OREGON GUNNERY RANGE / OR09799F313600	0	1	-	2064	\$0	\$100	\$0	\$4,518
									SWAN ISLAND NAVAL-MARINE CORPS RESERVE CENTER / OR09799F874900	1	0	-	-	\$286	\$0	\$79	\$0

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Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal r of Sites		al RC (Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)	Installation / FFID		otal r of Sites		al RC FY)	Costs In Through (\$00	h FY10	FY11 to C Cost Estin	ompletion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Pennsylvania									Puerto Rico								
ARMY									ARMY								
LETTERKENNY ARMY DEPOT / PA321382050300 / (1) / (3)	119	0	2040	-	\$135,811	\$0	\$5,285	\$0	FORT BUCHANAN / PR22140RQ32700	25	3	2016	2015	\$3,032	\$908	\$5,530	\$1,336
TOBYHANNA ARMY DEPOT / PA321382089200 / (1) / (3)	67	6	2005	2012	\$15,656	\$2,871	\$911	\$160	JFHQ RQ ARNG / PR22118RQ0NG00	0	4	-	2012	\$0	\$228	\$0	\$459
NAVY									NAVY								
MECHANICSBURG SPCC / PA317002210400 / (1) / (3)	15	1	2025	2001	\$40,743	\$0	\$1,990	\$0	ROOSEVELT ROADS NS / PR217002758200	81	1	2012	2012	\$22,459	\$0	\$0	\$0
PHILADELPHIA ASO / PA317002724600	1	0	2012	-	\$1,026	\$0	\$119	\$0	SAN JUAN SUPSHIP / PR217002733900	3	0	2012		\$0	\$0	\$0	\$0
PHILADELPHIA NSWC-CD / PA317002468900	10	0	2037	-	\$16,696	\$0	\$667	\$0	AIR FORCE								
AIR FORCE									PUERTO RICO (SAN JUAN) MUNIZ IAP / PR257282962400	11	0	2015	-	\$13,520	\$0	\$1,812	\$0
HARRISBURG INTERNATIONAL AIRPORT / PA357282882500	9	0	2021	-	\$2,779	\$0	\$1,993	\$0	PUNTA SALINAS AIR GUARD STATION / PR257289999800	4	0	2021	-	\$269	\$0	\$314	\$0
WILLOW GROVE AIR FORCE RESERVE / PA357122534900	7	0	2013	-	\$8,528	\$0	\$1,145	\$0	FORMERLY USED DEFENSE SITES		1			,			
DEFENSE LOGISTICS AGENCY	l								ARECIBO AUX AIR DROME / PR29799F414600	1	0	2016		\$210	\$0	\$789	\$0
DD SUSQUEHANNA, NEW CUMBERLAND FAC. / PA397152064200	63	0	2011		\$39,034	\$0	\$8,016	\$0	CAMP O'REILLY / PR29799F418000	1	0	2015	-	\$271	\$0	\$2,035	\$0
FORMERLY USED DEFENSE SITES									CAMP TORTUGUERO FIRE RANGE / PR29799F413400	0	1	-	2071	\$0	\$0	\$0	\$0
CONNELLSVILLE AIRPORT / PA39799F155900	2	1	2001	2021	\$393	\$112	\$0	\$1,598	FT BROOKE / PR29799F418300	1	1	1999	2035	\$185	\$156	\$0	\$7,147
KEYSTONE ORDNANCE WORKS / PA39799F144800	3	1	2013	1995	\$1,633	\$0	\$261	\$0	FT BUCHANAN / PR29799F418400	0	1	-	2076	\$0	\$244	\$0	\$2,889
MARIETTA AIR FORCE STATION / PA39799F150900	3	1	2012	1994	\$3,404	\$0	\$2,480	\$0	HENRY BARRACKS / PR29799F417900	1	1	2003	2041	\$401	\$258	\$0	\$2,428
MONACA AIR FORCE POL STATION / PA39799F153300	1	0	2011	-	\$622	\$0	\$2,134	\$0	POINT LIMA GUN EMPLACEMENT / PR29799F726400	1	0	2041		\$0	\$0	\$0	\$0
NIKE PH-75/78 (MEDIA) / PA39799F146600	2	0	2016	-	\$2,613	\$0	\$6,341	\$0	RAMEY AIR FORCE BASE / PR29799F417500	2	1	2008	2053	\$14,464	\$226	\$584	\$7,298
OLMSTED AFB (SUNSET ANNEX) / PA39799F807300 / (3)	1	0	2038	-	\$539	\$0	\$1,027	\$0	SAN PATRICIO HOSPITAL / PR29799F835900	1	0	2012	-	\$914	\$0	\$946	\$0
SUSQUEHANNA ORDNANCE SUB-DEPOT / PA39799F144900	0	2	-	2008	\$16	\$189	\$0	\$260						ļ			
YORK NAVAL ORDNANCE PLANT / PA39799F154500	1	2	2012	2008	\$874	\$901	\$403	\$487									

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRI
Rhode Island								
ARMY								
CAMP FOGARTY TNG SITE / RI121184411100	0	1	-	2017	\$0	\$551	\$0	\$1,74
JFHQ RI ARNG / RI12118440NG00	0	2	-	2020	\$0	\$139	\$0	\$93
LINCOLN AMSA 68 / RI121042185100 / (2)	16	0	2012	-	\$1,590	\$0	\$21	;
QUINTA-GAMELIN USARC / RI121041AP0700	4	0	2012	-	\$95	\$0	\$579	:
AIR FORCE								
QUONSET STATE AIRPORT / R1157282882600	5	0	2021	-	\$0	\$0	\$1,358	:
FORMERLY USED DEFENSE SIT	ES							
A-A GUN / RI19799F805400	0	1	-	2046	\$0	\$115	\$0	\$1,5
BLUE BEACH / R119799F215800	1	1	2014	2055	\$3,812	\$590	\$3,427	\$4,8
DUTCH ISL / RI19799F215400	1	0	2028	-	\$0	\$0	\$0	
FORT NAT GREENE / RI19799F212700	3	1	2020	2023	\$238	\$138	\$749	\$1,5
GOULD ISLAND NUSC / RI19799F213100	1	1	2017	2055	\$757	\$159	\$1,692	\$2,3
NAVAL AUX AIR FAC / RI19799F741700	2	1	2010	2023	\$1	\$309	\$0	\$1,6
NAVAL AUX LANDING FIELD / RI19799F210600	2	1	2008	2045	\$3,979	\$235	\$580	\$8,8
NETC NEWPORT / RI19799F211000	1	0	2016	-	\$0	\$0	\$8	
NETC(MELVILLE IND FAC) / RI19799F215500	2	0	2018	-	\$2,238	\$0	\$1,689	
PRUDENCE ISL NAV SUP / RI19799F213600	3	1	2001	2026	\$1,888	\$120	\$0	\$3,7
QUARRY DISPOSAL SITE / RI19799F215600	1	0	2012	-	\$258	\$0	\$67	
ROSE ISL / RI19799F214900	2	1	2009	2037	\$49	\$189	\$0	\$2,7

<u> </u>								
Installation / FFID		otal r of Sites		ll RC Y)	Costs In Throug (\$0	h FY10		completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Rhode Island								
ACHUEST PT-NPORT NCM / RI19799F211100	2	1	1997	2054	\$637	\$144	\$0	\$1,302

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRI
South Carolina								
ARMY								
FORT JACKSON / SC421372044900 / (3)	45	11	2017	2015	\$27,649	\$1,976	\$3,056	\$4,3
JFHQ SC ARNG / SC42118450NG00	0	1	-	2021	\$0	\$88	\$0	\$7
NAVY	<u> </u>							
CHARLESTON FISC / SC417002434300	24	0	2021	-	\$28,425	\$0	\$250	
CHARLESTON FMWTC / SC417002757100	1	0	2021	-	\$34	\$0	\$0	
CHARLESTON NRC / SC417002267000	1	0	2021	-	\$0	\$0	\$0	
CHARLESTON NS / SC417002425800	60	2	2021	2010	\$27,491	\$394	\$3,267	
CHARLESTON NSY / SC417002256000	39	0	2021	-	\$260	\$0	\$0	
AIR FORCE				,				
MCENTIRE AIR GUARD BASE / SC457282516000	13	1	2009	2014	\$3,055	\$2,383	\$2,898	\$6
MYRTLE BEACH AFB / SC457002482100 / (1) / (3)	192	1	2034	2003	\$68,869	\$0	\$2,136	
POINSETT / SC457212446601	3	0	2013	-	\$9	\$0	\$0	
FORMERLY USED DEFENSE SITE	ES							
AIKEN AAF / SC49799F494200	1	1	2011	2009	\$312	\$190	\$10	
ANDREWS BMB RNG 2 / SC49799F493600	0	1	-	2048	\$0	\$161	\$0	\$6,0
COLUMBIA AAB / SC49799F494900	2	1	2016	2005	\$230	\$131	\$1,996	
DUPONT / SC49799F805500	2	0	2011	-	\$364	\$0	\$26	
FLORENCE AAF / SC49799F494500	1	0	2019	-	\$77	\$0	\$145	
GEORGETOWN BMB&GN RG / SC49799F492800	0	6	-	2031	\$0	\$171	\$0	\$3,:
GREAT FALLS R RNG / SC49799F939900	0	1	-	2036	\$0	\$189	\$0	\$4,0

Installation / FFID		otal r of Sites		l RC Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
South Carolina								
LK ISAQUEENA BOM RNG / SC49799F493900	0	2		2035	\$0	\$140	\$0	\$4,497
LK MURRAY BMB RNG / SC49799F493800	0	3	-	2035	\$0	\$142	\$0	\$7,922
MCCLELLANVILLE BMB 2 / SC49799F493400	0	1		2058	\$0	\$175	\$0	\$6,078
MYRTLE BEACH B&G RANGE / SC49799F802300	0	1		2035	\$0	\$192	\$0	\$3,213
PONTIAC BMB RNG / SC49799F493700	0	1	-	2035	\$0	\$218	\$0	\$2,376
UNION BMB&GUNRY RNG / SC49799F493000	0	2	-	2035	\$0	\$153	\$0	\$7,678

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$00	h FY10	FY11 to C Cost Estim		Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (S0	h FY10		Completion nate (\$000)
***************************************	IRP	MMRP	IRP	MMRP	TRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
South Dakota									Tennessee								
AIR FORCE									ARMY								
BADLANDS BOMBING RANGE / SD857212464401	Υ	1	2011	2003	\$2,613	so	\$2,247	\$0	JFHQ TN ARNG / TN42118470NG00	0.	2	.00	2021	50	\$120	50	\$768
FORMERLY USED DEFENSE SITES									AIR FORCE								
ARMSTRONG COUNTY ATG GUN RGE / SD89799F080800	0	3		2011	SO	\$165	50	50	LOVELL FIELD / TN457282588900	Ś	0	2021	140	So	-50	\$1.050	-\$0
MITCHILL PRE BOMB RGE #4 / SD89799F084800	0	1	3	2034	\$0	\$120	50	\$3,689	MCGHEE-TYSON AIRPORT (KNOXVILLE) / TN457282419600	15	0	2012	-	\$7,091	-50	\$1,396	\$0
RAPID CITY PRE BOM RGE #2 / SD89799F085400	ő	1	.5	2036	\$0	\$122	50	\$4,138	MEMPHIS INTERNATIONAL AIRPORT / TN457282430700	5	2	2013	2006	55,581	510	5696	50
RAPID CITY SMALL ARMS RGE AX / SD897991079400	ı	- (	2008	2032	\$240	\$(45	50	\$4,401	NASHVILLE METRO AIRPORT / TN457282589000	4	1	2021	2015	\$787	\$1,007	\$442	\$1,542
SIOUX FALLS AAF RIFLE RGE   SD89799F079800	0	- 1	-	2036	\$0	\$124	\$0	\$1.168	DEFENSE LOGISTICS AGENCY								
WATERTOWN AAF / SD89799F085900	1	1	2001	2035	\$15	8(23	50	\$880	DDMT MEMPHIS*/TN497152057000 / (1) / (3)	116	Ú	2016	3	559,401	-50	50	-50
WATERTOWN ATG GUN RGE / SD89799F085800									FORMERLY USED DEFENSE SITES	,							
	0	0.	1	2029	So	\$126	SO	\$6,189	DYERSBURG AAF TO GROUND GUNNERY RANGE & EXPANSION   TN49799F351800	0	1		2053	\$0	\$304	50	\$7,786
WATERTOWN PRE BOMB RGE   SD89799F086000	0	y.	194	2034	so	\$126	50	\$4.301	DYERSBURG ARMY AF / TN49799E351700								
WATERTOWN RIFLE RANGE / SD89799F086100	5			1000	1	-	2	-	DTEKSBURG ARMT AP I IN997995351000	1	1	2006	2035	5371	\$159	20	52,032
	0	1	15.4	2036	80	\$120	\$0	\$3,071	DYERSBURG ARMY AIRFIELD BOMBING RANGE NO.   / TN49799F351900	10	0	+	2029	\$0	\$176	50	\$2,329
YANKTON ATG GUN RGL/SD89799F086200	0	2	-	2037	\$0	\$112	50	5542	DYERSBURG ARMY AIRFIELD TURRET GUNNERY RANGE / TN49799F352000	0			2066	50	521	50	\$1,202
									MOUNTAIN HOME USARC TRAINING AREA TN49799F355300	U	(	i F	2012	50	\$174	50	\$15
									SEWART AFB / TN49799F353200	4	2	2017	2065	\$4,152	\$167	\$3,294	\$3.656

<sup>\*</sup> DLA transferred DDMT Memphis to the Army in early FY11. The Army will report the FY11 to Completion Cost Estimate in the FY11 annual report.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0			Completion nate (\$000)	Installation / FFID		otal r of Sites		al RC (Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas									Texas								
ARMY																	
CAMP BARKELEY / TX621184800500	0	1	-	2015	\$0	\$0	\$0	\$1,025	REESE AFB / TX657152409100 / (1) / (3)	18	3	2014	2000	\$127,991	\$0	\$2,028	\$45
CAMP BULLIS / TX621162013300 / (3)	6	4	2015	2016	\$10,179	\$762	\$1,318	\$1,736	SHEPPARD AIR FORCE BASE / TX657152416100	21	0	2008	-	\$10,809	\$0	\$542	\$0
FORT SAM HOUSTON / TX621162042900 / (3)	27	26	2013	2016	\$8,841	\$1,597	\$7,893	\$0	FORMERLY USED DEFENSE SITES	1			ı	1			
JFHQ TX ARNG / TX62118480NG00	0	4	-	2021	\$0	\$251	\$0	\$1,431	ABILENE BOMBING GUN RANGE / TX69799F649200	0	3	-	2109	\$0	\$181	\$0	\$4,013
LONE STAR ARMY AMMUNITION PLANT / TX621382183100 / (1) / (3)	47	1	2037	2014	\$30,024	\$130	\$6,227	\$458	ALOE ARMY AIRFIELD / TX69799F647700	4	1	2011	2072	\$3,812	\$147	\$0	\$1,396
SAGINAW / TX621184865200	1	0	2016	-	\$71	\$0	\$57	\$0	AMARILLO AAF SM FIR RANGE / TX69799F650100	0	1	-	2048	\$0	\$147	\$0	\$1,330
NAVY	<u> </u>								ATLAS AF FAC S-10 / TX69799F651200	2	0	2017	-	\$515	\$0	\$499	\$0
CORPUS CHRISTI NAS / TX617002278700 / (1) / (3)	21	4	2021	2021	\$11,853	\$2,566	\$6,443	\$2,663	ATLAS AF FAC S-8 / TX69799F651000	1	0	2020	-	\$118	\$0	\$1,634	\$0
DALLAS NAS / TX617002278600 / (1) / (3)	47	2	2018	2005	\$84,634	\$0	\$6,248	\$0	ATLAS AF FACILITY S-12 / TX69799F651400	2	0	2012	-	\$335	\$0	\$0	\$0
KINGSVILLE NAS / TX617002476100	20	0	2021	-	\$10,318	\$0	\$1,495	\$0	ATLAS AF FACILITY S-9 / TX69799F651100	1	0	2020	-	\$237	\$0	\$767	\$0
LUBBOCK NMCRC / TX617002286600	1	0	2011	-	\$101	\$0	\$0	\$0	BIG SPRING PBR NO. S-11 / TX69799FA25500	0	1	-	2100	\$0	\$214	\$0	\$3,420
AIR FORCE	1			1					BIG SPRING PBR NO. S-2 / TX69799FA24700	0	1	-	2100	\$0	\$216	\$0	\$1,408
BERGSTROM AFB / TX657002418800 / (1) / (3)	32	8	2016	2005	\$48,882	\$0	\$2,064	\$0	BIG SPRING PBR NO. S-5 / TX69799FA25000	0	1	-	2101	\$0	\$221	\$0	\$3,318
BROOKS CITY-BASE / TX657172430300 / (1) / (3)	18	0	2020	-	\$8,664	\$0	\$2,173	\$0	BLUEBONNET ORD PLANT / TX69799F669900	0	1	ē	2082	\$0	\$1,031	\$0	\$5,117
DYESS AIR FORCE BASE / TX657212464300	44	0	2011	-	\$15,603	\$0	\$0	\$0	BOMBING TARGET B-1 / TX69799FA30500	0	1	-	2069	\$0	\$141	\$0	\$3,463
ELLINGTON FIELD (HOUSTON) / TX657282406700	4	7	2008	2018	\$3,740	\$3,734	\$973	\$837	BOMBING TARGET B-10 / TX69799FA31500	0	1	-	2012	\$0	\$158	\$0	\$20
GOODFELLOW AIR FORCE BASE / TX657152407100	15	3	2008	2020	\$8,153	\$92	\$48	\$0	BOMBING TARGET B-11 / TX69799FA31600	0	1	-	2103	\$0	\$145	\$0	\$2,056
LAUGHLIN AIR FORCE BASE / TX657152410500 / (3)	28	1	2012	2003	\$18,537	\$0	\$7,563	\$0	BOMBING TARGET B-13 / TX69799FA31800	0	1	-	2102	\$0	\$142	\$0	\$2,056
RANDOLPH AIR FORCE BASE / TX657152411700	30	6	2012	2014	\$12,887	\$1,283	\$1,956	\$0	BOMBING TARGET B-14 / TX69799FA31900	0	1	-	2101	\$0	\$143	\$0	\$2,055

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estir	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas									Texas								
BOMBING TARGET B-2 / TX69799FA30600	0	1	-	2109	\$0	\$159	\$0	\$1,804	CHILDRESS AAF BOMB RGE # 3 / TX69799F666800	0	1	-	2090	\$0	\$132	\$0	\$3,176
BOMBING TARGET B-3 / TX69799FA30700	0	1	-	2084	\$0	\$154	\$0	\$1,720	CHILDRESS AAF BOMB RGE # 5 / TX69799F667300	0	1	-	2085	\$0	\$115	\$0	\$3,281
BOMBING TARGET B-4 / TX69799FA30900	0	1	-	2012	\$0	\$77	\$0	\$20	CHILDRESS AAF BOMB RGE # 8 / TX69799F667400	0	1	-	2084	\$0	\$144	\$0	\$3,280
BOMBING TARGET B-5 / TX69799FA31000	0	1	-	2012	\$0	\$76	\$0	\$20	CHILDRESS AAF BOMB RGE #1 / TX69799F667500	0	1	-	2084	\$0	\$144	\$0	\$2,948
BOMBING TARGET B-6 / TX69799FA31100	0	1	-	2012	\$0	\$75	\$0	\$20	CHILDRESS AAF BOMB RGE #2 / TX69799F667100	0	1	-	2090	\$0	\$122	\$0	\$3,176
BOMBING TARGET B-7 / TX69799FA31200	0	1	-	2012	\$0	\$76	\$0	\$20	CHILDRESS AAF BOMB RGE #4 / TX69799F667200	0	1	-	2089	\$0	\$144	\$0	\$3,870
BOMBING TARGET B-8 / TX69799FA31300	0	1	-	2012	\$0	\$76	\$0	\$20	CHILDRESS AAF BOMB RGE #6 / TX69799F667000	0	1	-	2085	\$0	\$111	\$0	\$3,176
BOMBING TARGET B-9 / TX69799FA31400	0	1	-	2012	\$0	\$78	\$0	\$20	CHILDRESS AAF BOMB RGE #7 / TX69799F666900	0	1	-	2105	\$0	\$171	\$0	\$2,305
BREMEN PREC BOMB RGE #1 / TX69799F669500	0	1	-	2046	\$0	\$190	\$0	\$3,508	CHILDRESS AAF BOMB RGE #9 / TX69799F666700	0	1	-	2104	\$0	\$166	\$0	\$2,138
BROWNSVILLE ARMY AIRFIELD / TX69799F944600	0	1	-	2104	\$0	\$146	\$0	\$1,392	CITY OF FORT WORTH, ET AL, PROPERTIES / TX69799FA12900	0	1	-	2079	\$0	\$248	\$0	\$1,299
BRYAN AFB / TX69799F669200	3	0	2016	-	\$2,876	\$0	\$1,271	\$0	CUDDIHY FIELD / TX69799F804400	2	1	2016	2108	\$954	\$180	\$224	\$7,573
CAMP FANNIN / TX69799F648600	1	1	1998	2021	\$49	\$4,975	\$1	\$5,684	CYCLONE HILL PRECISION BOMBING RANGE / TX69799F742400	0	1	-	2094	\$0	\$167	\$0	\$6,164
CHILDRESS AAF BOMB RANGE #16 / TX69799F666100	0	1	-	2100	\$0	\$151	\$0	\$3,177	DALHART AAF / TX69799F665100	3	1	1997	2045	\$761	\$205	\$0	\$7,039
CHILDRESS AAF BOMB RG #10 / TX69799F666600	0	1	-	2100	\$0	\$153	\$0	\$3,176	EAGLE MOUN AAC MAINT FAC / TX69799F664000	1	1	1995	2104	\$10	\$139	\$0	\$2,662
CHILDRESS AAF BOMB RG #12 / TX69799F666500	0	1	-	2085	\$0	\$161	\$0	\$3,533	EAGLE PASS AAF / TX69799F646000	2	1	1998	2108	\$841	\$178	\$0	\$1,256
CHILDRESS AAF BOMB RG #13 / TX69799F666400	0	1	-	2100	\$0	\$156	\$0	\$3,301	FIVE POINTS OLF(TWINPARKSESTATES) / TX69799F645800	0	2	-	2012	\$0	\$4,490	\$0	\$1,663
CHILDRESS AAF BOMB RG #14 / TX69799F666300	0	1	-	2089	\$0	\$157	\$0	\$3,533	FLAMINGO PROPERTIES CO (REV.) / TX69799F672100	4	1	2018	2005	\$2,958	\$63	\$889	\$0
CHILDRESS AAF BOMB RG #15 / TX69799F666200	0	1	-	2084	\$0	\$147	\$0	\$3,582	FORT RINGOLD / TX69799F945900	1	1	2068	2109	\$0	\$166	\$373	\$3,495
CHILDRESS AAF BOMB RG #18 / TX69799F666000	0	1	-	2098	\$0	\$143	\$0	\$3,176	FORT WORTH ARMY DEPOT / TX69799F662800	2	0	2013	-	\$1,240	\$0	\$234	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

Total Final RC Costs Incurred FY11 to Completion

	Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	ncurred h FY10 00)	FY11 to C Cost Estir	Completion mate (\$000)
		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
T	exas									Texas								
FOST	ER AIR FORCE BASE / TX69799F672200	4	1	2017	2109	\$4,361	\$169	\$134	\$1,356	MIDLAND AAF TAR RGE #14 / TX69799F657700	0	1	-	2082	\$0	\$151	\$0	\$2,770
GAL TX69	VESTON ARMY AIRFIELD BOMBING RANGE / 799F828300	0	1	-	2099	\$0	\$161	\$0	\$9,547	MIDLAND AAF TAR RGE #15 / TX69799F657600	0	1	-	2012	\$0	\$204	\$0	\$40
GAL	VESTON COUNTY(CROCKETT) / TX69799F807700	0	1	-	2072	\$0	\$40	\$0	\$1,439	MIDLAND AAF TAR RGE #16 / TX69799F657500	0	1	-	2117	\$0	\$147	\$0	\$2,410
HAR	LINGEN AFB / TX69799F673300	2	1	2020	2063	\$897	\$248	\$2,281	\$3,586	MIDLAND AAF TAR RGE #17 / TX69799F657400	0	1	-	2114	\$0	\$146	\$0	\$2,618
HON	DO ARMY AIR FIELD / TX69799F661200	2	1	2006	2111	\$2,560	\$160	\$0	\$2,110	MIDLAND AAF TAR RGE #18 / TX69799F656700	0	1	-	2117	\$0	\$206	\$0	\$2,304
HOS	XINS MOUND AF BOMBING RNG / TX69799F676000	0	1	-	2106	\$0	\$186	\$0	\$8,407	MIDLAND AAF TAR RGE #19 / TX69799F656800	0	1	-	2114	\$0	\$130	\$0	\$3,152
JAM	ES CONNALLY AFB / TX69799F660900	5	1	2013	2064	\$3,008	\$142	\$2,025	\$1,291	MIDLAND AAF TAR RGE #20 / TX69799F656900	0	1	-	2111	\$0	\$133	\$0	\$2,515
JEFF	ERSON COUNTY AIRFIELD / TX69799F804200	1	1	2012	2060	\$0	\$140	\$0	\$2,756	MIDLAND AAF TAR RGE #21 / TX69799F657000	0	1	-	2114	\$0	\$147	\$0	\$2,815
KIEL	PREC BOBM RGE #2 / TX69799F660800	0	1	-	2070	\$0	\$170	\$0	\$3,837	MIDLAND AAF TAR RGE #22 / TX69799F657100	0	1	-	2082	\$0	\$138	\$0	\$2,949
LAG	UNA MADRE GUNNERY RANGE / TX69799F676400	1	1	2002	2021	\$115	\$0	\$0	\$1,431	MIDLAND AAF TAR RGE #4 / TX69799F658700	0	1	-	2066	\$0	\$204	\$0	\$3,217
	UNA MADRE GUNNERY RANGE(PADRE ISLAND) / 799F802600	0	1	-	2065	\$0	\$158	\$0	\$6,570	MIDLAND AAF TAR RGE #5 / TX69799F658600	0	1	-	2012	\$0	\$204	\$0	\$40
LAR	EDO AFB / TX69799F660300	8	1	2016	2064	\$8,685	\$182	\$4,170	\$1,302	MIDLAND AAF TAR RGE #7 / TX69799F658400	0	1	-	2064	\$0	\$204	\$0	\$3,343
MAR	FA AAF / TX69799F670800	1	1	1999	2101	\$6	\$157	\$0	\$2,141	MIDLAND AAF TAR RGE #8 / TX69799F658300	0	1	-	2079	\$0	\$130	\$0	\$3,176
MCG	EE BEND PREC BOMB RGE / TX69799F659800	0	1	-	2096	\$0	\$171	\$0	\$6,281	MIDLAND AAF TAR RGE #9 / TX69799F658200	0	1	-	2113	\$0	\$132	\$0	\$2,598
MIDI	AND AAF TAR RGE NO 2 / TX69799F659100	0	1	-	2109	\$0	\$94	\$0	\$2,532	MIDLAND AAF TAR RGE NO 1 / TX69799F658900	0	1	-	2113	\$0	\$203	\$0	\$2,281
MIDI	AND AAF TAR RGE #10 / TX69799F658100	0	1	-	2117	\$0	\$202	\$0	\$2,488	MIDLAND AAF TAR RGE NO 3 / TX69799F658800	0	1	-	2111	\$0	\$203	\$0	\$2,459
MIDI	AND AAF TAR RGE #11 / TX69799F658000	0	1	-	2022	\$0	\$204	\$0	\$2,355	MIDLAND AAF TAR RGE NO 6 / TX69799F658500	0	1	-	2039	\$0	\$204	\$0	\$3,598
MIDI	AND AAF TAR RGE #12 / TX69799F657900	0	1	-	2117	\$0	\$208	\$0	\$2,350	MIDLAND ARMY AIR FIELD / TX69799F659000	0	1	-	2082	\$0	\$208	\$0	\$1,500
MIDI	AND AAF TAR RGE #13 / TX69799F657800	0	1	-	2115	\$0	\$142	\$0	\$2,489	MOVING SHOTGUN RANGE / TX69799FA33400	0	1	-	2078	\$0	\$5	\$0	\$1,683

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Defense Environmental Restoration Program

MMRP

FY11 to Completion Cost Estimate (\$000)

MMRP

IRP

Costs Incurred

Through FY10

(\$000)

IRP

Installation / FFID		otal er of Sites		al RC FY)	Costs Ir Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Texas								
NAVY AUXILIARY FIELD SITE NO.55 / TX69799F970100	0	1	-	2091	\$0	\$163	\$0	\$3,380
ORANGE PORT OF NAV SHIP STOR / TX69799F675300	3	1	1999	2009	\$797	\$159	\$250	\$0
PALACIOS AFB / TX69799F655600	0	1	-	2011	\$0	\$144	\$0	\$20
PAMPA ARMY AIRFIELD (K06TX016101) / TX69799F648700	0	1	-	2057	\$0	\$326	\$0	\$0
PECOS AAF / TX69799F671500	0	1	-	2022	\$0	\$0	\$0	\$2,763
PERRIN AFB / TX69799F654900	5	0	2017	-	\$5,587	\$0	\$788	\$0
PYOTE AAF BOMB RGE #1 / TX69799F653800	0	1	-	2102	\$0	\$141	\$0	\$2,096
PYOTE AAF BOMB RGE #3 / TX69799F653600	0	1	-	2094	\$0	\$146	\$0	\$3,755
PYOTE AAF BOMB RGE #4 / TX69799F653500	0	1	-	2097	\$0	\$151	\$0	\$3,756
PYOTE AAF PRA BOM RGE #2 / TX69799F653700	0	1	-	2098	\$0	\$149	\$0	\$3,756
RODD FIELD / TX69799F804300	2	1	2009	2106	\$3,399	\$246	\$0	\$1,374
S PLAINS ARMY AIR FIELD / TX69799F652600	3	1	1997	2045	\$1,159	\$154	\$0	\$1,337
SAN ANGELO AAF PB NO. S-2 / TX69799FA21500	0	1	-	2066	\$0	\$75	\$0	\$3,731
SAN ANGELO AAF PB NO. S-3 / TX69799FA21600	0	1	-	2067	\$0	\$0	\$0	\$4,170
SAN ANGELO AAF PB NO. S-5 / TX69799FA21800	0	1	-	2070	\$0	\$0	\$0	\$4,491
SAN ANGELO AAF PB NO. S-6 / TX69799FA21900	0	1	-	2034	\$0	\$75	\$0	\$3,949
SAN ANGELO AAF PB NO. S-8 / TX69799FA22100	0	1	-	2072	\$0	\$0	\$0	\$4,167
SAN ANGELO AAF PB NO. S-9 / TX69799FA22200	0	1	-	2034	\$0	\$0	\$0	\$4,348
SAN ANGELO ARMY AF / TX69799F652900	0	1	-	2069	\$0	\$213	\$0	\$5,430

SAN ANTONIO ARSENAL / TX69799F645100	0	1	,	2060	\$0	\$173	\$0	\$1,470
SAN JACINTO ORD DEPOT / TX69799F646600	0	2	-	2104	\$0	\$298	\$0	\$7,570
SCHOLES FIELD / TX69799F647500	1	1	2000	2062	\$211	\$181	\$0	\$2,481
STINSON FIELD / TX69799F652300	1	2	1998	2115	\$556	\$3	\$0	\$1,303
WEBB AIR FORCE BASE / TX69799F645700 / (3)	9	1	2012	2107	\$2,901	\$184	\$1,291	\$6,663

Total

Number of Sites

IRP MMRP

Installation / FFID

Texas

Final RC

(FY)

IRP MMRP

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

\$1,553

FY11 to Completion Cost Estimate (\$000)

IRP MMRP

\$904

\$639

						•				<u> </u>						
Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estir	Completion nate (\$000)		Installation / FFID		otal r of Sites		al RC (Y)	Costs In Through (\$00	h FY10
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			IRP	MMRP	IRP	MMRP	IRP	MMRP
Utah										Vermont						
ARMY										ARMY						
DEFENSE DIST DEPOT OGDEN UTAH / UT821002092200 / 1) / (3)	3	0	2016	-	\$7,948	\$0	\$9,057	\$0		JFHQ VT ARNG / VT12118500NG00	0	15	-	2020	\$0	\$758
AIR FORCE			,		,					FORMERLY USED DEFENSE SITES						
SALT LAKE CITY INTERNATIONAL AIRPORT / JT857282592700	11	1	2013	2007	\$5,087	\$32	\$343	\$0		LYNDONVILLE AIR FORCE STA / VT19799F216600	3	0	2013	-	\$1,269	\$6
FORMERLY USED DEFENSE SITES	"								[	ST ALBANS AFS Z-14 / VT19799F216900	3	0	2012	-	\$1,672	\$6
BUSHNELL GENERAL HOSPITAL / UT89799F502000	2	0	2016	-	\$652	\$0	\$1,086	\$0	' [   							
LEARFIELD NAVAL SUPPLY DEPOT / UT89799F504000	1	0	2012	-	\$913	\$0	\$100	\$0								
JTAH ORDNANCE PLANT / UT89799F503800	1	1	-	2010	\$3	\$5	\$100	\$5								
WENDOVER AIR FORCE AUXILIARY FIELD / JT89799F503900	2	1	2012	2010	\$4,492	\$159	\$2,247	\$5								
WENDOVER BOMBING RANGE / UT89799F805200	3	1	2020	2009	\$2,593	\$208	\$6,325	\$0	l							

WENDOVER SPECIAL WEAPONS BOMBING RANGE /

 $<sup>(1)\</sup> Five-Year\ Review\ Completed, (2)\ Five-Year\ Review\ Underway, (3)\ Five-Year\ Review\ Planned\ for\ Future$ 

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Throug	ncurred gh FY10 000)	FY11 to Cost Estin	Completion mate (\$000)	Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	Completion nate (\$000
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Virgin Islands of the U.S.									Virginia								
ARMY									ARMY								
JFHQ VI ARNG / VI22118VQ0NG00	0	1	-	2012	\$0	\$95	\$0	\$331	CAMERON STATION / VA321022013900 / (1)	8	0	2020	-	\$6,504	\$0	\$619	\$
AIR FORCE									FORT A P HILL / VA321022041600	19	5	1997	2015	\$3,442	\$580	\$0	\$2,28
VIRGIN ISLAND (ST CROIX) / VI000000000007	5	0	2021	-	\$0	\$0	\$1,585	\$0	JFHQ VA ARNG / VA32118510NG00	0	6	-	2021	\$0	\$336	\$0	\$1,90
FORMERLY USED DEFENSE SITES	3				,				NAVY								
BENEDICT FIELD / VI29799F418900	0	1	-	2073	\$0	\$250	\$0	\$6,606	CHESAPEAKE NSGA NWEST / VA317002726600	4	1	2016	2008	\$2,572	\$120	\$233	\$
CAMP ACOSTA / VI29799F734100	1	0	2041	-	\$0	\$0	\$0	\$0	CRANEY ISLAND FISC / VA317002758600	20	0	2021	-	\$23,519	\$0	\$3,393	s
									NORFOLK NSY / VA317002481300 / (3)	32	0	2020	-	\$39,810	\$0	\$1,658	S
									AIR FORCE	<u> </u>							
									CAMP PENDLETON MIL RESERVATION / VA000000000002	1	0	2021	-	\$0	\$0	\$205	5
									RICHMOND IAP BYRD FIELD / VA357282490400	6	0	2016	-	\$6,852	\$0	\$319	:
									FORMERLY USED DEFENSE SITES								·
									BUCKROE BEACH / VA39799F789100	0	2	-	2011	\$100	\$1,704	\$0	\$41
									CAMP WALLACE / VA39799F775800	1	1	1995	2021	\$42	\$1,282	\$0	\$7,42
									FORT LEE / VA39799F776900	1	1	1999	2031	\$271	\$159	\$0	\$1,42
									MANASSAS AIR FORCE COMM FACILITY / VA39799F171800	2	0	2017	-	\$1,524	\$0	\$8,893	\$
									NAAS CREEDS / VA39799F775200	0	1	-	2034	\$0	\$153	\$0	\$3,40
									OYSTER POINT STORAGE AREA / VA39799F157800	1	0	2016	-	\$921	\$0	\$2,208	S
									USCG RESERVE TRAINING CENTER / VA39799F854500	1	0	2011	-	\$733	\$0	\$211	s
									VIRGINIA ORDNANCE WORKS / VA39799F163700	1	2	2007	2007	\$789	\$582	\$0	\$19-

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Note: Totals reflect installation project funding allocated to individual sites and do not include program management and other support costs.

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID		otal er of Sites		al RC FY)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Washington								
ARMY								
AMSA 137 / WA02104WA07900	1	0	2011	-	\$7,605	\$0	\$157	\$
CAMP BONNEVILLE / WA021402011200	17	7	2002	2013	\$6,712	\$41,156	\$0	\$3,65
CAMP MURRAY / WA021185355500	0	1	-	2014	\$0	\$406	\$0	\$15
FORT LEWIS / WA021402050600 / (1) / (3)	57	15	2017	2013	\$93,652	\$2,436	\$7,242	\$79
JFHQ WA ARNG / WA02118530NG00	0	3	-	2021	\$0	\$213	\$0	\$2,72
VANCOUVER BARRACKS / WA021402092400	2	5	1999	2012	\$41	\$269	\$0	\$1,08
NAVY								
PORT HADLOCK NOC PAC DIV DET / WA017002756800 / 1) / (3)	18	1	2036	2005	\$9,610	\$0	\$3,325	\$
PUGET SOUND FISC BREMERTON / WA017002342600 / (1)	1	0	2036	-	\$21,350	\$0	\$3,078	\$
PUGET SOUND FISC MANCHESTER / WA017002756000 / (2) / (3)	4	0	2021	-	\$526	\$0	\$254	\$
PUGET SOUND NAVHOSP BREMERTON / WA017002726800 / (2)	1	1	2008	2036	\$0	\$4,163	\$0	\$5,55
PUGET SOUND NS / WA017002343000	11	0	2014	-	\$6,260	\$0	\$7,632	\$
PUGET SOUND NS EVERETT / WA017002754800	5	0	2019	-	\$1,091	\$0	\$430	\$
AIR FORCE		,		,				
CAMP MURRAY AIR GUARD STATION / WA057282882800	7	0	2021	-	\$238	\$0	\$1,602	\$
MCCHORD AIR FORCE BASE / WA057182420000 / (1) / (3)	65	8	2044	2015	\$27,734	\$1,168	\$2,372	\$
PAINE FIELD / WA057282426800	10	0	2021	-	\$948	\$0	\$2,191	\$
SEATTLE AIR GUARD STATION / WA057282592900	2	0	2021	-	\$1,683	\$0	\$250	\$
FORMERLY USED DEFENSE SITES								
AIR FORCE PLANT NO 75 / WA09799F321700	1	0			\$235	\$0	\$430	\$

Installation / FFID		otal r of Sites		il RC Y)	Costs In Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Washington								
BAXTER OUTLYING FIELD (7) / WA09799FA22900	0	1	-	2038	\$0	\$95	\$0	\$3,057
COYOTE OUTLYING FIELD (19) / WA09799FA23900	0	1	-	2040	\$0	\$94	\$0	\$3,094
EPHRATA AF BASE / WA09799F325800	0	1	-	2028	\$0	\$119	\$0	\$8,971
EPHRATA PATTERN BOMBING RANGE / WA09799F933000	0	1	-	2041	\$0	\$137	\$0	\$4,718
FAIRCHILD DEF NIKE 87 / WA09799F328000	1	0	-	-	\$205	\$0	\$82	\$0
HUMORIST OUTLYING FIELD (17) / WA09799FA23700	0	1	-	2038	\$0	\$90	\$0	\$3,228
LARSON AFB TITAN I MISSILE FACILITY S-1 / WA09799F331800	2	0	2018	-	\$207	\$0	\$3,027	\$0
LARSON AIR FORCE BASE / WA09799F331700	3	0	2013	-	\$19,604	\$0	\$352	\$0
NAV STATION TODD-TACOMA / WA09799F345500	1	0	-	-	\$312	\$0	\$53	\$0
PORT ANGELES COMBAT RANGE / WA09799F318400	0	1	-	2032	\$0	\$157	\$0	\$9,751
WHEATLAND OUTLYING FIELD (8) / WA09799FA23000	0	1	-	2039	\$0	\$96	\$0	\$3,590

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Table E-7 IRP/MMRP Status of Installations with FY11 to Completion Cost Estimate Less Than or Equal to \$10,000,000

Installation / FFID	_	otal er of Sites		al RC (Y)	Costs In Through (\$00	h FY10		Completion nate (\$000)	Installation / FFID		otal er of Sites		al RC (Y)	Costs In Throug (\$0	h FY10	FY11 to C Cost Estin	
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
West Virginia									Wisconsin								
ARMY									ARMY								
JFHQ WV ARNG / WV32118540NG00	0	6	-	2021	\$0	\$321	\$0	\$1,576	JFHQ WI ARNG / WI52118550NG00	0	8		2020	\$0	\$312	\$0	\$3,420
VOLKSTONE / WV321185442600	0	2	-	2018	\$0	\$1,147	\$0	\$1,792	FORMERLY USED DEFENSE SITES								
AIR FORCE	<u> </u>								ANTIGO AIR FORCE STATION / W159799F245900	3	0	2016	-	\$3,666	\$0	\$7,664	\$0
EWVRA SHEPHERD FIELD (MARTINSBURG) / WV357282845500	5	0	2021	-	\$1,667	\$0	\$270	\$0	CAMP HAVENS AAA FIRING RANGE / WI59799F812900	2	1	1998	2028	\$10	\$146	\$0	\$6,313
FORMERLY USED DEFENSE SITES									EDIT BEA AA TRG CEN / WI59799F247000	0	1	-	2026	\$0	\$213	\$0	\$5,483
MARSHALL ARMY CHEMICAL PLANT / WV39799F348000	1	0	-	-	\$361	\$0	\$396	\$0	NIKE SITE M-86 / WI59799F685600	3	0	2015	-	\$404	\$0	\$2,490	\$0
US EXPLOSIVES PLANT C / WV39799F789200	1	1	2018	2004	\$680	\$15	\$181	\$0									

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		otal r of Sites		il RC (Y)	Costs Ir Throug (\$0	h FY10		Completion nate (\$000)
	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP
Wyoming								
AIR FORCE								
CHEYENNE MUNICIPAL AIRPORT / WY857282588600	5	0	2014	-	\$10,572	\$0	\$9,649	\$0
SUNDANCE AIR FORCE STATION / WY857212464401	1	0	2011	-	\$2,381	\$0	\$2,092	\$0
FORMERLY USED DEFENSE SITES								
CASPER AIR TO GROUND GUN RGE / WY89799F087100	0	1	-	2038	\$0	\$120	\$0	\$8,119
CASPER GRO GUN RGE / WY89799F087200	0	1	-	2038	\$0	\$99	\$0	\$5,076
CASPER PRE BOMB RGE NO 1 / WY89799F087300	0	1	-	2037	\$0	\$101	\$0	\$2,180
CASPER PRE BOMB RGE NO 3 / WY89799F087500	0	1	-	2036	\$0	\$81	\$0	\$2,179
FE WAR AFB AF FAC S-6 / WY89799F091200	2	0	2019	-	\$946	\$0	\$6,130	\$0
FE WAR AFB AF FAC SITE 5 / WY89799F090900	1	0	2015	-	\$1,589	\$0	\$4,840	\$0
FE WARREN AFB FAC SITE 7 / WY89799F086300	2	0	2013	-	\$939	\$0	\$3,023	\$0

 $<sup>(1)\</sup> Five-Year\ Review\ Completed, (2)\ Five-Year\ Review\ Underway, (3)\ Five-Year\ Review\ Planned\ for\ Future$ 

Installation / FFID		lumber Sites	Throug	ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Alabama				
ARMY				
AFRC BIRMINGHAM / AL42104AL00500	4	0	\$0	\$0
AFRC CULLMAN / AL4210429A1600	5	0	\$0	\$0
AFRC GADSDEN / AL4210429A2700	3	0	\$0	\$0
COOSA RIVER STORAGE ANNEX / AL421002023100	2	0	\$0	\$0
PHOSPHATE DEVELOPMENT WORKS / AL421382070300	28	0	\$636	\$0
USARC ABBEVILLE / AL4210429A0100	4	0	\$0	\$0
USARC ANNISTON / AL4210429A0300	3	0	\$0	\$0
USARC BELTLINE / AL4210429A1700	5	0	\$0	\$0
USARC BIRMINGHAM 01 / AL421042143800	14	0	\$0	\$0
USARC BIRMINGHAM 02 / AL421042GA0800	1	0	\$0	\$0
USARC CROPWELL (ASF 155) / AL4210429A2200	9	0	\$0	\$0
USARC DOTHAN / AL4210429A1L00	2	0	\$0	\$0
USARC ELBA / AL4210429A2000	4	0	\$0	\$0
USARC ENTERPRISE / AL4210429A2100	3	0	\$0	\$0
USARC FOLEY / AL4210429A2300	1	0	\$0	\$0
USARC FORT RUCKER (ASF 157) / AL4210429A2500	6	0	\$0	\$0
USARC FORT RUCKER (ECS 143) / AL4210429AG100	10	0	\$0	\$0
USARC GADSDEN / AL4210429A2800	5	0	\$0	\$0
USARC HOLT / AL4210429A3300	1	0	\$0	\$0
USARC HUNTSVILLE (PATTON RD) / AL4210429A3200	11	0	\$0	\$0
USARC JASPER / AL4210429A3800	3	0	\$0	\$0
USARC LINCOLN (TALLADEGA) / AL4210429A5800	6	0	\$0	\$0
USARC MARION, AL / AL4210429A4100	3	0	\$0	\$0
USARC MOBILE (WRIGHT) / AL421042059500	12	0	\$0	\$0
USARC MONTGOMERY (MONIAC) / AL421042290200	10	0	\$0	\$0
USARC MONTGOMERY (SCREWS) / AL4210429A4900	3	0	\$0	\$0
USARC OPELIKA / AL4210429A5200	2	0	\$0	\$0

Installation / FFID		Number Sites	Throug	ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Alabama				
USARC OPP / AL4210429A5400	2	0	\$0	\$0
USARC SHEFFIELD / AL4210429A5000	5	0	\$0	\$0
USARC TROY / AL4210429A6000	2	0	\$0	\$0
USARC TUSCALOOSA / AL4210429A6100	9	0	\$0	\$0
USARC TUSKEGEE / AL4210429A6700	2	0	\$0	\$0
AIR FORCE				
BIRMINGHAM INTERNATIONAL AIRPORT / AL457282591700	12	0	\$4,035	\$0
DANNELLY FIELD / AL457282591900	3	0	\$1,166	\$0
MONTGOMERY AIR NATIONAL GUARD STATION / AL457282418500	3	0	\$346	\$0
FORMERLY USED DEFENSE SITES				
AL DRYDOCK & SHIPBLDG CO / AL49799F422200	1	0	\$46	\$0
BARIN NAVAL AIR STATION / AL49799F432000	1	0	\$995	\$0
BATES AAF MUN AP AUTH / AL49799F422600	1	0	\$88	\$0
CWS MIXING PLANT NO 2 / AL49799F422700	0	1	\$0	\$34
GADSEN AAF STORAGE DEPOT / AL49799F421100	2	0	\$940	\$0
GUNTER AIR FORCE STATION / AL49799F423900	1	0	\$542	\$0
MOTON FIELD (TUSKEGEE INSTITUTE / AL49799FA13400	1	0	\$319	\$0
MOUNT VERNON BARRACKS / AL49799F785500	0	1	\$0	\$64
SOUTHERN AIRWAYS / AL49799F786300	1	0	\$84	\$0
THEODORE AMMO-AL STATE DO / AL49799F421700	3	1	\$79	\$45
THOMASVILLE COM FAC ANNEX / AL49799F422400	1	0	\$339	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Number Sites	Throug	ncurred th FY10 000)
	IRP	MMRP	IRP	MMRP
Alaska				
ARMY			ı	
CAMP CARROLL TRAINING CENTER / AK021180204500	6	0	\$0	\$0
GERSTLE RIVER TEST SITE / AK021452234200	5	0	\$1,560	\$0
HOONAH ARMORY / AK021180251900	0	2	\$0	\$148
NG ATMAUTLUAK ARMORY / AK021180246100	0	2	\$0	\$120
NG BREVIG MISSION ARMORY / AK021180266300	0	2	\$0	\$148
NG CHEFORNAK ARMORY / AK021180248100	0	9	\$0	\$406
NG CHEVAK ARMORY / AK021180248500	1	3	\$0	\$162
NG ELIM ARMORY / AK021180250500	0	5	\$0	\$287
NG GOODNEWS BAY ARMORY / AK021180251600	0	7	\$0	\$510
NG KIANA ARMORY / AK021180253500	0	2	\$0	\$148
NG KONGIGANAK ARMORY / AK021180254700	1	5	\$0	\$239
NG LITTLE DIOMEDE ARMORY / AK021180257100	0	1	\$0	\$94
NG MEKORYUK ARMORY / AK021180258100	0	1	\$0	\$98
NG NOATAK ARMORY / AK021180259800	0	4	\$0	\$220
NG NOORVIK ARMORY / AK021180260100	0	5	\$0	\$146
NG NULATO ARMORY / AK021180260500	0	2	\$0	\$152
NG POINT BARROW ARMORY / AK021180261100	0	3	\$0	\$226
NG POINT HOPE ARMORY / AK021180261600	0	3	\$0	\$223
NG SHAKTOOLIK ARMORY / AK021180264500	0	2	\$0	\$144
NG SHISHMAREF ARMORY / AK021180265100	0	6	\$0	\$431
NG SHUNGNAK ARMORY / AK021180264100	0	4	\$0	\$297
NG ST MICHAEL ARMORY / AK021180265500	0	1	\$0	\$94
NG TELLER ARMORY / AK021180266100	0	3	\$0	\$225
NG TOGIAK ARMORY / AK021180266800	1	2	\$0	\$96
NG UNALAKLEET ARMORY / AK021180267900	0	1	\$0	\$95
NG WAINWRIGHT ARMORY / AK021180268100	0	4	\$0	\$297
NG WALES ARMORY / AK021180268500	2	4	\$0	\$272

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)		
	IRP	MMRP	IRP	MMRP	
Alaska					
NG WRANGELL ARMORY / AK021180269300	0	3	\$0	\$229	
NAVY					
CAPE PRINCE WALES NCCOSC / AK017002755000	3	0	\$5,886	\$0	
ST LAWRENCE NCCOSC / AK017002757200	4	0	\$5,998	\$0	
TIN CITY NCCOSC / AK017002757300	1	0	\$1,269	\$0	
AIR FORCE					
BARTER ISLAND / AK057302861800	21	0	\$20,343	\$0	
BEAVER CREEK RADIO RELAY STATION / AK057302862100	2	0	\$135	\$0	
BULLEN POINT / AK057302865200 / (3)	9	0	\$7,364	\$0	
CANYON CREEK RADIO RELAY STATION / AK057302862900	6	0	\$104	\$0	
CHENA RIVER / AK057302863600	2	0	\$1,869	\$0	
COLD BAY LONG RANGE RADAR SITE / AK057302863900 / (1) / (3)	5	0	\$5,933	\$0	
FORT YUKON LONG RANGE RADAR SITE / AK057302865400 / (1) / (3)	9	2	\$11,117	\$64	
GOLD KING CREEK RADIO RELAY SITE / AK057302865800	3	0	\$112	\$0	
KENAI AIRPORT / AK057302864902	1	0	\$0	\$0	
KOTZEBUE LONG RANGE RADAR SITE / AK057302874200 / (3)	21	3	\$14,242	\$462	
PILLAR MOUNTAIN RADIO RELAY STATION / AK057302869600	1	0	\$470	\$0	
PORT MOLLER / AK057302869900	5	0	\$0	\$0	
TED STEVENS INTERNATIONAL AIRPORT / AK057282867400	2	0	\$1,187	\$0	
TIN CITY LONG RANGE RADAR SITE / AK057302871200	15	0	\$3,905	\$0	
FORMERLY USED DEFENSE SITES					
AKUTAN / AK09799F250800 / (3)	2	0	\$10,273	\$0	
AM RIVER AIR BASE / AK09799F708100	1	0	\$1,148	\$0	
ANCHORAGE ACS STO ANX / AK09799F701000	1	0	\$45	\$0	
ANVIL MOUNTAIN AWS / AK09799F988400	1	0	\$0	\$0	
BADGER RD (ARC SUR YD) / AK09799F299300	1	0	\$351	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)		
	IRP	MMRP	IRP	MMRP	
Alaska					
BARROW LANDFILL / AK09799FA22700	1	0	\$5	\$0	
BARTER ISLAND DEW STATION / AK09799F900800	1	0	\$6	\$0	
BETHEL ARPT / AK09799F700200	4	0	\$6,167	\$0	
BRUHN PT. (KODIAK ISL) / AK09799F299700	1	0	\$1,159	\$0	
CAPE CHINIAK TRACK STA / AK09799F276700	3	0	\$9,996	\$0	
CAPE NOME ACS / AK09799F277900	3	0	\$1,120	\$0	
CAPE PRINCE WALES AWS / AK09799F256400	3	0	\$3,882	\$0	
CAPE RODNEY (MIL SITE) / AK09799F278000	3	0	\$355	\$0	
CAPE SABINE DEW(LIZ-A) / AK09799F249300	2	0	\$199	\$0	
CAPE SIMPSON DEW-POW A / AK09799F251100	3	0	\$5,325	\$0	
CAPE THOMPSON NAV SITE / AK09799F249200	3	0	\$907	\$0	
CHUGACH MTS-SHIP CREEK / AK09799F295000	1	0	\$57	\$0	
COLD BAY ACS COM-FT RA / AK09799F708800	2	0	\$28,236	\$0	
CORDOVA AF / AK09799F257400	1	0	\$267	\$0	
CRAIG ACS SITE / AK09799F257500	2	0	\$750	\$0	
DEMARCATION BAY DEW / AK09799F250100	3	0	\$790	\$0	
DRIFTWOOD BAY RR STA / AK09799F250600	1	0	\$1,753	\$0	
ELSON LAGOON / AK09799F251000	1	0	\$1,648	\$0	
FAIRBANKS AACS AND ACS / AK09799F709600	1	0	\$0	\$0	
FORT RAY / AK09799F282100	1	0	\$0	\$0	
FT SMITH/LITTLE NS / AK09799F277000	3	0	\$2,840	\$0	
FT TIDBALL/LONG ISL / AK09799F276800	3	0	\$4,976	\$0	
GAMBELL / AK09799F298200 / (1)	3	1	\$5,469	\$1,441	
GERSTLE RIVER EXPANSION AREA / AK09799F869500	1	1	\$4,816	\$1,556	
GRIFFIN POINT DEW / AK09799F249900	2	0	\$1,912	\$0	
GULKANA PREP & ARMY / AK09799F280100	1	1	\$118	\$60	
GUSTAVUS ARPT / AK09799F260600	1	0	\$8,858	\$0	

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)		
	IRP	MMRP	IRP	MMRP	
Alaska					
HAINES MILITARY CUTOFF ROAD / AK09799F295800	1	0	\$1,501	\$0	
ICY CPE DEW STA(LIZ-B) / AK09799F249400	3	0	\$4,431	\$0	
JUNIPER CK FUEL DUMP / AK09799F708700	1	0	\$349	\$0	
KODIAK CG SUP CNTR / AK09799F299400	1	0	\$0	\$0	
KOUGAROK AFB / AK09799F263200	3	0	\$401	\$0	
KRUSENSTERN RR ANX / AK09799F252500	3	0	\$1,032	\$0	
LAVA LK WEATHER STA / AK09799F255100	3	0	\$630	\$0	
MCINTYRE DEW STA(POW C / AK09799F251300	1	0	\$12	\$0	
MOSES POINT GARRISON / AK09799F265200	3	0	\$7,006	\$0	
MT.EDGECUMBE/SITKA NOB / AK09799F292800	2	0	\$12,994	\$0	
NIKE SITE JIG / AK09799F709400	1	0	\$21	\$0	
NIKE SITE LOVE / AK09799F709500	1	0	\$20	\$0	
NORTH RIVER RRS ANX / AK09799F252700	3	0	\$2,461	\$0	
OHLSON MT / AK09799F709700	2	0	\$457	\$0	
PEARD BAY DEW (LIZ-C) / AK09799F249500	3	0	\$2,453	\$0	
PEDRO DOME / AK09799F298500	3	0	\$2,288	\$0	
POINT BARROW RADIO STA / AK09799F291000	1	0	\$0	\$0	
PORT CLARENCE LORAN ST / AK09799F708600	1	0	\$366	\$0	
PORT MOLLER / AK09799F251800	3	0	\$10,095	\$0	
PORT OF WHITTIER / AK09799F906800	4	0	\$4,556	\$0	
SEMISOPOCHNOI ISL / AK09799F269800	1	0	\$375	\$0	
SITKINAK ISL RADIO REL / AK09799F277500	1	0	\$38	\$0	
SKULL CLIFF LORAN ANNEX DEW / AK09799F270500	2	0	\$261	\$0	
SLEDGE ISLAND / AK09799F297700	1	0	\$21	\$0	
ST PAUL/ST GEORGE / AK09799F710100	1	0	\$31	\$0	
TELLER SUPPLY / AK09799F272100	1	0	\$404	\$0	
TOK (ACS RADIO RELAY) / AK09799F272200	1	0	\$547	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		lumber Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Alaska				
WALSETH AFB,MCGRATH / AK09799F273500	2	0	\$641	\$0

Installation / FFID		umber Sites	Costs Incurred Through FY10 (\$000)		
	IRP	MMRP	IRP	MMRP	
American Samoa					
FORMERLY USED DEFENSE SITES					
AUA FUEL FARM / AS99799F371700	2	0	\$1,095	\$0	
UTULEI STOR TANK / AS99799F371600	1	0	\$0	\$0	
VAIPITO VILLAGE / AS99799F692600	1	0	\$1,432	\$0	

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)		
	IRP	MMRP	IRP	MMRP	
Arizona					
ARMY					
CAMP NAVAJO / AZ921180401000 / (1) / (3)	62	2	\$23,930	\$181	
FLORENCE MILITARY RESERVATION / AZ921180408000	5	0	\$197	\$0	
PHOENIX USARC #2 / AZ921046BA0700	1	0	\$0	\$0	
SAFFORD TS / AZ9211804B6000	1	0	\$385	\$0	
USARC DOUGLAS / AZ921046BA0200	2	0	\$8	\$0	
USARC PHOENIX / AZ921042068600	13	0	\$0	\$0	
USARC TUCSON / AZ921042090200	3	0	\$0	\$0	
NAVY					
CHOCOLATE MOUNTAIN AGR / AZ917305395300	7	0	\$0	\$0	
FLAGSTAFF NOS / AZ017002385300	2	0	\$0	\$0	
SENTINEL NCCOSC / AZ917002755500	3	0	\$196	\$0	
AIR FORCE					
SKY HARBOR INTERNATIONAL AIRPORT / AZ957282587900	6	0	\$7,438	\$0	
FORMERLY USED DEFENSE SITES					
AVRA AIR FORCE AUX FIELD #4 / AZ99799F506800	0	1	\$0	\$0	
AZTEC GROUND GUNNERY RANGE #4 / AZ99799F506900	0	1	\$0	\$0	
BUCKEYE NATIONAL GUARD TAR RGE / AZ99799F507100	0	1	\$0	\$154	
CAMP BOUSE RAILHEAD / AZ99799F507400	0	1	\$0	\$0	
COLFRED GROUND GUNNERY RANGE#2 / AZ99799F507900	0	1	\$0	\$0	
COLORADO RIVER WAR RELOCATION / AZ99799FA38000	1	0	\$13	\$0	
CORONADO AUXILIARY FIELD #3 / AZ99799F508200	0	1	\$0	\$0	
COVERED WELLGAP FIL AX TM181B / AZ99799F508300	1	0	\$56	\$0	
FLORENCE AF AUXILIARY FACILITI / AZ99799F511100	0	1	\$0	\$0	
GILBERT AF AUXILIARY FIELD / AZ99799F511700	0	1	\$0	\$0	
HACKBERRY AUXILIARY FIELD #3 / AZ99799F512000	0	1	\$0	\$0	
HILLSIDE GAP FILLER ANNEX M98B / AZ99799F512200	1	0	\$173	\$0	

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)		
	IRP	MMRP	IRP	MMRP	
Arizona					
LAKE HAVASU AUXILIARY FIELD #6 / AZ99799F512700	0	1	\$0	\$0	
LUKE AF AUX FIELD #3 / AZ99799F513100	0	1	\$0	\$157	
LUKE AF AUXILIARY FIELD #2 / AZ99799F512900	0	1	\$0	\$0	
MARANA ARMY AIRFIELD / AZ99799F514400	1	0	\$176	\$0	
MCNEAL AUXILIARY FIELD #1 / AZ99799F514800	0	1	\$0	\$0	
MODIFICATION CENTER NO. 2 / AZ99799F506300	1	0	\$1	\$0	
NAVAL AIR STATION LITCHFIELD / AZ99799F505100	3	0	\$9,116	\$0	
PAPAGO PARK MANEUVER AREA / AZ99799F515700	0	1	\$0	\$0	
PAPAGO PARK POW CAMP / AZ99799F515800	0	1	\$0	\$0	
PRISONER OF WAR CAMP (ELOY I) -ARMY / AZ99799FA42100	1	0	\$251	\$0	
RILLITO AUXILIARY FIELD #2 / AZ99799F516300	0	1	\$0	\$0	
SAHUARO AUX FIELD #5 / AZ99799F516600	0	1	\$0	\$0	
SELLS GAP FIL AX M92A / AZ99799F516800	1	0	\$135	\$0	
SIGNAL AUXILIARY FIELD #7 / AZ99799F516900	0	1	\$0	\$0	
TACNA GAP FILLER ANNEX Z162A / AZ99799F517400	1	0	\$41	\$0	
TOPOCK AUX FIELD #5 / AZ99799F517800	0	1	\$0	\$0	
TOPOCK GAP FIL AX SM162H / AZ99799F517900	1	0	\$22	\$0	
TUCSON RIFLE CLUB / AZ99799FA44800	0	1	\$0	\$134	
WEBB AUXILIARY FIELD #3 / AZ99799F518200	0	1	\$0	\$0	
WILLI FD BOMB TAR RGE #16 / AZ99799F519200	0	1	\$0	\$0	
WILLI FD BOMB TAR RGE #18 / AZ99799F519400	0	1	\$0	\$0	
WILLI FD BOMB TAR RGE #24 / AZ99799F519800	0	1	\$0	\$0	
WILLI FD BOMB TAR RGE #3 / AZ99799F519900	0	1	\$0	\$136	
WILLIAM FIELD BOMB TAR RGE #15 / AZ99799F519100	0	1	\$0	\$0	
WILLIAM FIELD BOMB TAR RGE #17 / AZ99799F519300	0	1	\$0	\$0	
WILLIAM FIELD BOMB TAR RGE #21 / AZ99799F519600	0	1	\$0	\$0	
	0	1	\$0	\$2,741	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total N	lumber Sites	Costs Incurred Through FY10 (\$000)		
		IRP	MMRP	IRP	MMRP	
Arizona						
WILLIAMS FIELD BOMB TARGET RANGE 1A / AZ99799FA31600		0	1	\$0	\$0	
WINSLOW AF STATION Z-93 / AZ99799F520600		1	0	\$518	\$0	
YUMA AUXILIARY FIELD NO 1 / AZ99799F521100		0	1	\$0	\$0	

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)		
	IRP	MMRP	IRP	MMRP	
Arkansas					
ARMY					
AFRC NORTH LITTLE ROCK (PIKE) / AR621045HA3300	8	0	\$0	\$0	
FORT CHAFFEE / AR621372018700 / (1) / (2)	34	1	\$29,784	\$0	
FORT CHAFFEE MANEUVER TRAINING CTR / AR621182018700 / (1) / (2)	21	0	\$1,120	\$0	
SAMUEL STONE JR USARC / AR62104AR03100	6	0	\$0	\$0	
USARC ARKADELPHIA / AR621045OA1900	1	0	\$0	\$0	
USARC BLYTHEVILLE / AR621045HA4000	1	0	\$0	\$0	
USARC CAMDEN / AR621045HA0100	10	0	\$0	\$0	
USARC CONWAY / AR621045VA2400	10	0	\$0	\$0	
USARC EL DORADO (O2) / AR621045HA0900	1	0	\$0	\$0	
USARC ELDORADO (GARRETT) / AR621045SA2300	5	0	\$0	\$0	
USARC FAYETTEVILLE / AR621045BA0400	5	0	\$0	\$0	
USARC FORT CHAFFEE (1368) / AR621045HA1000	1	0	\$0	\$0	
USARC FORT CHAFFEE (241) / AR621045HA0300	1	0	\$0	\$0	
USARC FORT CHAFFEE (2465) / AR621045HA0500	3	0	\$0	\$0	
USARC FORT CHAFFEE (ECS 15) / AR621045HA1700	14	0	\$0	\$0	
USARC FORT CHAFFEE (NCO ACADEMY) / AR621045HA2900	5	0	\$0	\$0	
USARC FORT SMITH / AR6210450A2000	1	0	\$0	\$0	
USARC HARRISON / AR621045VA2500	9	0	\$0	\$0	
USARC HOT SPRINGS / AR621045VA2600	8	0	\$0	\$0	
USARC JONESBORO / AR621045HA0800	7	0	\$0	\$0	
USARC LITTLE ROCK (ASF 19) / AR621045HA1800	4	0	\$0	\$0	
USARC LITTLE ROCK (FINKBEINER) / AR621042120500	5	0	\$0	\$0	
USARC LITTLE ROCK (TERRY) / AR621045ZA2700	2	0	\$0	\$0	
USARC NASHVILLE, AR / AR621045OA2200	1	0	\$0	\$0	
USARC RUSSELLVILLE / AR621045HA3900	1	0	\$0	\$0	
USARC TEXARKANA 01 / AR621045VA2800	3	0	\$0	\$0	
USARC TEXARKANA 02 / AR621045HA1500	2	0	\$0	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID			Number Sites	Costs Incurred Through FY10 (\$000)		
	IRP	MMRP	IRP	MMRP		
Arkansas						
USARC WEST MEMPHIS / AR621045HA4200		2	0	\$0	\$0	
AIR FORCE						
HOT SPRINGS MEMORIAL AIRPORT / AR657282852100		2	0	\$395	\$0	
FORMERLY USED DEFENSE SITES						
CAMDEN AUXILIARY AIRFIELD / AR69799F612100		1	0	\$51	\$0	
EL DORADO ARMY AIRFIELD / AR69799F605400		1	0	\$29	\$0	
HOT SPRINGS ARMY-NAVY HOSPITAL / AR69799F607300		1	0	\$87	\$0	
LITTLE ROCK COM TRA SITE / AR69799F608900		1	0	\$31	\$0	
MAUMELLE ORDNANCE WORKS / AR69799F604900		1	1	\$13	\$158	
SECOND ARMY AMMUNITION DEPOT / AR69799F799900		0	1	\$0	\$1	
STUTTGART AIRFIELD / AR69799F605100		1	2	\$26	\$1,106	
TEXARKANA AFS Z-91 / AR69799F608400		1	0	\$95	\$0	
WAL RIDGE AAF & POW CAMP / AR69799F606400		2	0	\$33	\$0	

CAIROTTIA	Installation / FFID	Total N	lumber Sites	Costs Incurred Through FY10 (\$000)		
ARMY  CAMP ROBERTS SATCOM / CA921402282300		IRP	MMRP	IRP	MMRP	
CAMP ROBERTS SATCOM / CA921402282300         1         0         50         80           EAST FORT BAKER / CA921402005500         10         0         \$4,368         50           EL MONTE USARC / CA921402123500         5         0         \$50         \$50           FORT HUNTER LIGGETT BRAC / CA921402043600         0         1         \$50         \$50           FRESINO AFRC / CA921042370200         4         0         \$50         \$50           GARDEN GROVE USARC / CA921042293000         5         0         \$50         \$50           HAMILTON ARMY AIRFIELD / CA9214022303800 / (3)         21         1         \$36,960         \$50           HF RADIO RECEIVER, SANTA ROSA / CA921082228800         3         0         \$50         \$50           MARINA USARCOMIS/AMISA 12 S-S / CA9210422361200         10         0         \$50         \$50           MARINA USARCOMIS/AMISA 12 S-S / CA9210422361200         10         0         \$50         \$50           PFC LT. BACCIGLEIRI HALL AFRC / CA92104225400         1         0         \$50         \$50           PRESIDIO OF MONTEREY / CA921372066600 / (1) / (3)         13         0         \$3,918         \$50           PRESIDIO OF SAN FRANCISCO / CA92104CA02100         1         0         \$2         \$0 <th>California</th> <th></th> <th></th> <th></th> <th></th>	California					
EAST FORT BAKER / CA921402005500	ARMY					
EL MONTE USARC / CA921042123500	CAMP ROBERTS SATCOM / CA921402282300	1	0	\$0	\$0	
FORT HUNTER LIGGETT BRAC / CA921402043600	EAST FORT BAKER / CA921402005500	10	0	\$4,368	\$0	
FRESNO AFRC / CA921042370200	EL MONTE USARC / CA921042123500	5	0	\$0	\$0	
GARDEN GROVE USARC / CA921042293000   5   0   \$0   \$0   \$0   \$0   \$0   \$	FORT HUNTER LIGGETT BRAC / CA921402043600	0	1	\$0	\$2	
HAMILTON ARMY AIRFIELD / CA921402303800 / (3)	FRESNO AFRC / CA921042370200	4	0	\$0	\$0	
HF RADIO RECEIVER, SANTA ROSA / CA921082228800 3 0 S0 S0  LOMPOC BRANCH DISCIPLINARY BARRACKS / CA921402101200 / (1) / (2) 8 1 S6.158 S0  MARINA USARC/OMS/AMSA 12 S-S / CA921042361200 10 0 S0 S0  NG HAMMER FIELD / CA921180615500 1 0 0 S0 S0  PFC L.T. BACCIGLEIRI HALL AFRC / CA921042252400 1 0 S0 S0  PRESIDIO OF MONTEREY / CA921372060600 / (1) / (3) 13 0 S3.918 S0  PRESIDIO OF SAN FRANCISCO / CA921402079100 60 1 S128,036 S0  QUINONES AFRC / CA92104CA02100 1 0 S26 S0  RIO VISTA RESERVE TRAINING AREA / CA921406GB8500 13 0 S6.773 S0  ROARK HALL USARC/AMSA 29(G) / CA921046BB0500 9 0 S0 S0  THRALL HALL USARC / CA92104CA13400 22 0 S0 S0  USARC BELL (AMSA 15) / CA92104CA13400 22 0 S0 S0  USARC CHICO / CA9210461B0600 5 0 S0  USARC CHICO / CA9210461B0700 1 0 S0 S0  USARC CLOVIS / CA9210461B0700 1 0 S0 S0  USARC LONG BEACH / CA92104226300 7 0 S0 S0  USARC LONG BEACH / CA92104CA09500 5 0 S0  USARC LOS ANGELES 01 / CA92104CA09500 5 0 S0  USARC LOS ANGELES 02 / CA921042053100 5 0 S0  USARC LOS ANGELES 02 / CA921042213600 5 0 S0  USARC LOS ANGELES 02 / CA921042213600 5 0 S0  USARC LOS ANGELES 02 / CA921042213600 5 0 S0  USARC LOS ANGELES 02 / CA921042213600 5 0 S0  USARC LOS ANGELES 02 / CA921042213600 5 0 S0  USARC LOS ANGELES 02 / CA921042213600 5 0 S0  USARC LOS ANGELES 02 / CA921042213600 5 0 S0  USARC LOS ANGELES 02 / CA921042213600 5 0 S0	GARDEN GROVE USARC / CA921042293000	5	0	\$0	\$0	
LOMPOC BRANCH DISCIPLINARY BARRACKS / CA921402101200 / (1) / (2)   8	HAMILTON ARMY AIRFIELD / CA921402303800 / (3)	21	1	\$36,960	\$0	
MARINA USARC/OMS/AMSA 12 S-S / CA921042361200         10         0         \$0         \$0           NG HAMMER FIELD / CA921180615500         1         0         \$0         \$0           PFC L.T. BACCIGLEIRI HALL AFRC / CA921042252400         1         0         \$0         \$0           PRESIDIO OF MONTEREY / CA921372060600 / (1) / (3)         13         0         \$3,918         \$0           PRESIDIO OF SAN FRANCISCO / CA921402079100         60         1         \$128,036         \$0           QUINONES AFRC / CA92104CA02100         1         0         \$26         \$0           RIO VISTA RESERVE TRAINING AREA / CA921406GB8500         13         0         \$6,773         \$0           ROARK HALL USARC / CA921042256700         9         0         \$0         \$0           USARC BELL (AMSA 15) / CA92104CA13400         22         0         \$0         \$0           USARC CHICO / CA9210461B0600         5         0         \$0         \$0           USARC CLOVIS / CA9210461B0700         1         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042226300         7         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LOS	HF RADIO RECEIVER, SANTA ROSA / CA921082228800	3	0	\$0	\$0	
NG HAMMER FIELD / CA921180615500         1         0         \$0         \$0           PFC L.T. BACCIGLEIRI HALL AFRC / CA921042252400         1         0         \$0         \$0           PRESIDIO OF MONTEREY / CA921372060600 / (1) / (3)         13         0         \$3,918         \$0           PRESIDIO OF SAN FRANCISCO / CA921402079100         60         1         \$128,036         \$0           QUINONES AFRC / CA92104CA02100         1         0         \$26         \$0           RIO VISTA RESERVE TRAINING AREA / CA921406GB8500         13         0         \$6,773         \$0           ROARK HALL USARC / CA92(0 / CA921046BB0500         9         0         \$0         \$0           THRALL HALL USARC / CA921042256700         5         0         \$0         \$0           USARC BELL (AMSA 15) / CA92104CA13400         22         0         \$0         \$0           USARC CHICO / CA9210461B0600         5         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042100600         11         0         \$0         \$0           USARC LONG BEACH / CA92104CA09500         5         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LO	LOMPOC BRANCH DISCIPLINARY BARRACKS / CA921402101200 / (1) / (2)	8	1	\$6,158	\$0	
PFC L.T. BACCIGLEIRI HALL AFRC / CA921042252400         1         0         \$0         \$0           PRESIDIO OF MONTEREY / CA921372060600 / (1) / (3)         13         0         \$3,918         \$0           PRESIDIO OF SAN FRANCISCO / CA921402079100         60         1         \$128,036         \$0           QUINONES AFRC / CA92104CA02100         1         0         \$26         \$0           RIO VISTA RESERVE TRAINING AREA / CA921406GB8500         13         0         \$6,773         \$0           ROARK HALL USARC / CA92(G) / CA921046BB0500         9         0         \$0         \$0           THRALL HALL USARC / CA921042256700         5         0         \$0         \$0           USARC BELL (AMSA 15) / CA92104CA13400         22         0         \$0         \$0           USARC CHICO / CA9210461B0600         5         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042100600         11         0         \$0         \$0           USARC LONG BEACH / CA921042226300         7         0         \$0         \$0           USARC LOS ANGELES 01 / CA921042033100         5         0         \$0         \$0           USARC MODESTO / CA921042213600         1         0         \$0         \$0	MARINA USARC/OMS/AMSA 12 S-S / CA921042361200	10	0	\$0	\$0	
PRESIDIO OF MONTEREY / CA921372060600 / (1) / (3)         13         0         \$3,918         \$0           PRESIDIO OF SAN FRANCISCO / CA921402079100         60         1         \$128,036         \$0           QUINONES AFRC / CA92104CA02100         1         0         \$26         \$0           RIO VISTA RESERVE TRAINING AREA / CA921406GB8500         13         0         \$6,773         \$0           ROARK HALL USARC/AMSA 29(G) / CA921046BB0500         9         0         \$0         \$0           THRALL HALL USARC / CA921042256700         5         0         \$0         \$0           USARC BELL (AMSA 15) / CA92104CA13400         22         0         \$0         \$0           USARC CHICO / CA9210461B0600         5         0         \$0         \$0           USARC CLOVIS / CA9210461B0700         1         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042100600         11         0         \$0         \$0           USARC LONG BEACH / CA921042226300         7         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LOS ANGELES 02 / CA921042053100         5         0         \$0         \$0           USARC MODESTO / CA9	NG HAMMER FIELD / CA921180615500	1	0	\$0	\$0	
PRESIDIO OF SAN FRANCISCO / CA921402079100         60         1         \$128,036         \$0           QUINONES AFRC / CA92104CA02100         1         0         \$26         \$0           RIO VISTA RESERVE TRAINING AREA / CA921406GB8500         13         0         \$6,773         \$0           ROARK HALL USARC/AMSA 29(G) / CA921046BB0500         9         0         \$0         \$0           THRALL HALL USARC / CA921042256700         5         0         \$0         \$0           USARC BELL (AMSA 15) / CA92104CA13400         22         0         \$0         \$0           USARC CHICO / CA9210461B0600         5         0         \$0         \$0           USARC CLOVIS / CA9210461B0700         1         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042100600         11         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LOS ANGELES 02 / CA921042053100         5         0         \$0         \$0           USARC MODESTO / CA921042213600         1         0         \$0         \$0	PFC L.T. BACCIGLEIRI HALL AFRC / CA921042252400	1	0	\$0	\$0	
QUINONES AFRC / CA92104CA02100	PRESIDIO OF MONTEREY / CA921372060600 / (1) / (3)	13	0	\$3,918	\$0	
RIO VISTA RESERVE TRAINING AREA / CA921406GB8500	PRESIDIO OF SAN FRANCISCO / CA921402079100	60	1	\$128,036	\$0	
ROARK HALL USARC/AMSA 29(G) / CA921046BB0500 9 0 \$0 \$0  THRALL HALL USARC / CA921042256700 5 0 \$0 \$0  USARC BELL (AMSA 15) / CA92104CA13400 22 0 \$0 \$0  USARC CHICO / CA9210461B0600 5 0 \$0  USARC CLOVIS / CA9210461B0700 1 0 \$0 \$0  USARC FRESNO (AMSA 14-G) / CA921042100600 11 0 \$0 \$0  USARC LONG BEACH / CA921042226300 7 0 \$0 \$0  USARC LOS ANGELES 01 / CA92104CA09500 5 0 \$0  USARC LOS ANGELES 02 / CA921042053100 5 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 \$0  USARC MODESTO / CA921042213600 1 0 0 \$0  USARC MODESTO / CA921042213600 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	QUINONES AFRC / CA92104CA02100	1	0	\$26	\$0	
THRALL HALL USARC / CA921042256700         5         0         \$0         \$0           USARC BELL (AMSA 15) / CA92104CA13400         22         0         \$0         \$0           USARC CHICO / CA9210461B0600         5         0         \$0         \$0           USARC CLOVIS / CA9210461B0700         1         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042100600         11         0         \$0         \$0           USARC LONG BEACH / CA921042226300         7         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LOS ANGELES 02 / CA921042053100         5         0         \$0         \$0           USARC MODESTO / CA921042213600         1         0         \$0         \$0	RIO VISTA RESERVE TRAINING AREA / CA921406GB8500	13	0	\$6,773	\$0	
USARC BELL (AMSA 15) / CA92104CA13400         22         0         \$0         \$0           USARC CHICO / CA9210461B0600         5         0         \$0         \$0           USARC CLOVIS / CA9210461B0700         1         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042100600         11         0         \$0         \$0           USARC LONG BEACH / CA921042226300         7         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LOS ANGELES 02 / CA921042053100         5         0         \$0         \$0           USARC MODESTO / CA921042213600         1         0         \$0         \$0	ROARK HALL USARC/AMSA 29(G) / CA921046BB0500	9	0	\$0	\$0	
USARC CHICO / CA9210461B0600         5         0         \$0         \$0           USARC CLOVIS / CA9210461B0700         1         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042100600         11         0         \$0         \$0           USARC LONG BEACH / CA921042226300         7         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LOS ANGELES 02 / CA921042053100         5         0         \$0         \$0           USARC MODESTO / CA921042213600         1         0         \$0         \$0	THRALL HALL USARC / CA921042256700	5	0	\$0	\$0	
USARC CLOVIS / CA9210461B0700         1         0         \$0         \$0           USARC FRESNO (AMSA 14-G) / CA921042100600         11         0         \$0         \$0           USARC LONG BEACH / CA921042226300         7         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LOS ANGELES 02 / CA921042053100         5         0         \$0         \$0           USARC MODESTO / CA921042213600         1         0         \$0         \$0	USARC BELL (AMSA 15) / CA92104CA13400	22	0	\$0	\$0	
USARC FRESNO (AMSA 14-G) / CA921042100600	USARC CHICO / CA9210461B0600	5	0	\$0	\$0	
USARC LONG BEACH / CA921042226300         7         0         \$0         \$0           USARC LOS ANGELES 01 / CA92104CA09500         5         0         \$0         \$0           USARC LOS ANGELES 02 / CA921042053100         5         0         \$0         \$0           USARC MODESTO / CA921042213600         1         0         \$0         \$0	USARC CLOVIS / CA9210461B0700	1	0	\$0	\$0	
USARC LOS ANGELES 01 / CA92104CA09500 5 0 \$0 \$0  USARC LOS ANGELES 02 / CA921042053100 5 0 \$0 \$0  USARC MODESTO / CA921042213600 1 0 \$0 \$0	USARC FRESNO (AMSA 14-G) / CA921042100600	11	0	\$0	\$0	
USARC LOS ANGELES 02 / CA921042053100 5 0 80 80 USARC MODESTO / CA921042213600 1 0 80 80	USARC LONG BEACH / CA921042226300	7	0	\$0	\$0	
USARC MODESTO / CA921042213600 1 0 \$0 \$0	USARC LOS ANGELES 01 / CA92104CA09500	5	0	\$0	\$0	
	USARC LOS ANGELES 02 / CA921042053100	5	0	\$0	\$0	
USARC MOUNTAIN VIEW / CA921042173400 9 0 \$0 \$0	USARC MODESTO / CA921042213600	1	0	\$0	\$0	
	USARC MOUNTAIN VIEW / CA921042173400	9	0	\$0	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

**Costs Incurred** 

Through FY10 (\$000)

MMRP

\$0 \$0

\$155

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$0

\$68

IRP

\$614 \$1,164

\$721

\$6,599 \$10,670

\$63,130

\$147 \$1,081

\$163

\$139 \$2,409

\$12

\$0

\$2

\$301 \$15 \$421

\$1,640

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)			Installation / FFID		Number Sites
	IRP	MMRP	IRP	MMRP			IRP	MMRP
California						California		
					_			
USARC NORCO / CA921042305700	3	0	\$0	\$0		SALTON SEA TEST RANGE / CA917002755200 / (1) / (3)	23	0
USARC OAKLAND (HEROIC WAR DEAD) / CA921042288800	1	0	\$932	\$0		SAN DIEGO FASWTC PAC / CA917002429000	6	0
USARC PASADENA, CA / CA921042055700	5	0	\$0	\$0		SAN DIEGO NAVMEDCTR / CA917002314400	1	0
USARC SAN BERNARDINO (AMSA 19G) / CA92104CA13500	10	0	\$0	\$0	[	SAN DIEGO SPASURFLDSTA / CA917006607900	1	1
USARC SAN JOSE (AMSA 12) / CA921042079500	8	0	\$0	\$0		SAN NICOLAS ISLAND OLF / CA917002464000	15	0
USARC SAN PABLO / CA921042157500	12	0	\$0	\$0	[	SKAGGS ISLAND NSGA / CA917002431700	13	0
USARC SANTA ANA / CA921042264100	5	0	\$0	\$0	[	STOCKTON NCS / CA917002438200	76	1
USARC SANTA BARBARA / CA921046BB6200	5	0	\$0	\$0	[	SUNNYVALE NIROP / CA917002291500	16	0
USARC SANTA ROSA / CA921042280700	5	0	\$0	\$0		WARNER SPRINGS SERE CAMP / CA917002752800	1	0
USARC SUNNYVALE / CA921046GB7200	1	0	\$0	\$0	4	AIR FORCE		
USARC VALLEJO / CA921042211100	2	0	\$0	\$0	Ì	AIR FORCE PLANT 70 / CA957172532300	12	0
USARC VAN NUYS / CA92104CA09200	4	0	\$0	\$0	Ī	COSTA MESA AIR GUARD STATION / CA957282463800	1	0
VAN DEMAN HALL USARC / CA921042242700	3	0	\$0	\$0	[	MOUNT DISAPPOINTMENT RADIO RELAY STATION / CA957282963200	4	0
VAN NUYS MAINTENANCE SHOP / CA921042123600	1	0	\$0	\$0	[	ONIZUKA AIR FORCE BASE / CA957112573600	5	0
WILKSON HALL USARC / CA921042199100	9	0	\$0	\$0		POINT ARENA AIR FORCE STATION / CA957212428000	4	0
NAVY					4	FORMERLY USED DEFENSE SITES		
CENTERVILLE BEACH NAVFAC / CA917002438300	10	0	\$6,765	\$0	•	(CAFS) FAMILY HOUSING / CA99799F694000	1	0
CORONA NOC NWAD / CA917002471200	2	0	\$0	\$0		ACCESS ROAD FOR EL CENTRO ROCKET TARGETS / CA99799F754100	0	1
DALY CITY EFA WEST / CA917002469600	1	0	\$53	\$0	Ī	AF PLANT #14 / CA99799F530400	2	0
LOS ANGELES NMCRC / CA917002316600	1	0	\$983	\$0	Ī	AGF&ASF REDISTRIB STA / CA99799F535300	0	1
NORTH IS NADEP / CA917009999900	1	0	\$0	\$0	[	AIR FORCE PLANT #16 (NASA) / CA99799F530500	1	0
OAKLAND FISC / CA917002477600 / (1) / (3)	28	0	\$14,771	\$0	[	ALLEN AUX FIELD #3 / CA99799F535500	0	1
OAKLAND NAVMEDCOM NWREG / CA917002725400	1	0	\$0	\$0	[	AMPHIBIOUS TRAINING BASE / CA99799F688500	1	1
PASADENA MCRC / CA917006211300	1	0	\$191	\$0	[	ARMY-NAVY DISTRIBUTING CENTER / CA99799F569600	1	0
PICO RIVERA MCRTC / CA917302755300	1	0	\$58	\$0	[	AZUSA DUMP SITE OWL 4X PL / CA99799F524300	1	1
POINT SUR NAVFAC / CA917002422500	1	0	\$172	\$0	Ī	BALLICO AUXILIARY FIELD NO. 2 / CA99799F569700	1	0
POMONA NIROP / CA917002309800	3	0	\$0	\$0	_			

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
BANNING PARK CAMP / CA99799F536100	0	1	\$0	\$0
BAYWOOD PARK TRAINING AREA / CA99799F524700	0	1	\$0	\$1,142
BEALE AFB TITAN 1-B / CA99799F569800	3	0	\$1,337	\$0
BISHOP AIRPORT / CA99799F570000	1	0	\$173	\$0
BOMBING TARGETS IMPERIAL DUNES / CA99799F753700	0	1	\$0	\$0
BORON AIR FORCE STATION Z-59 / CA99799F537400	2	0	\$197	\$0
CADIZ LAKE SONIC TAR #10 / CA99799F538000	0	1	\$0	\$0
CADIZ LAKE SONIC TARGET #1 / CA99799F537900	0	1	\$0	\$0
CALIF WING CIVIL AIR PATROL / CA99799F539000	0	1	\$0	\$0
CALISTOGA RADIO BEACON ANNEX / CA99799F570400	1	0	\$13	\$0
CALL MOUNTAIN RADIO RELAY ANNEX / CA99799F570500	1	0	\$15	\$0
CAMBRIA AIR FORCE STATION / CA99799F539100	1	0	\$282	\$0
CAMP ASHBY / CA99799F570600	1	0	\$15	\$0
CAMP CACTUS / CA99799F539300	1	0	\$122	\$0
CAMP DUNLAP / CA99799F526700	1	0	\$247	\$0
CAMP GRANITE / CA99799F813200	0	1	\$0	\$0
CAMP IBIS (CAMA) / CA99799F540200	0	1	\$0	\$2,718
CAMP IRWIN / CA99799FA01300	0	1	\$0	\$0
CAMP MANZANAR / CA99799F743900	1	0	\$292	\$0
CAMP MIRAMAR / CA99799F571100	1	0	\$27	\$0
CAMP PINEDALE / CA99799F571300	1	1	\$458	\$20
CAMP ROBERTS / CA99799F691900	2	0	\$8	\$0
CAMP SEELEY / CA99799F540600	0	1	\$0	\$0
CAMP SEELEY ORD TRG CENTER / CA99799F540900	0	1	\$0	\$0
CAMP SEELEY ORDNANCE PROV GRD / CA99799F540800	0	1	\$0	\$0
CAMP SHAFTER / CA99799F541000	0	1	\$0	\$0
CAMP VISTA- ARMY / CA99799FA06500	0	1	\$0	\$184

Total Number of Sites  Installation / FFID			Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
CAMPBELL AUXILIARY FIELD NO. 4 / CA99799F571600	2	0	\$0	\$0
CANOGA AVE FACILITY (AFP#56) / CA99799F530700	2	0	\$544	\$0
CAPETOWN GAP FILLER ANNEX / CA99799F571700	2	0	\$272	\$0
CASTLE AFB COMMUNICATIONS ANNEX / CA99799F528300	1	0	\$151	\$0
CASTLE AFB RADIO BEACON ANNEX / CA99799F572000	1	0	\$13	\$0
CASTLE AFB TVOR ANNEX / CA99799F572100	1	0	\$17	\$0
CATALINA TRAINING BASE / CA99799FA23400	1	0	\$390	\$0
CHELI AFS / CA99799F531400	1	0	\$0	\$0
CHEMEHUEVI INDIAN RESERVATION / CA99799FA32400	0	1	\$0	\$0
CHINA BEACH BIVOUAC AREA / CA99799F572500	1	0	\$0	\$0
CHINO PRISONER OF WAR CAMP - ARMY / CA99799FA38400	0	1	\$0	\$60
COAST ARTILLERY CAMP / CA99799F997600	0	1	\$0	\$0
CORN SPRINGS GAP FILLER ANNEX SM-16 / CA99799FA50700	1	0	\$2	\$0
CORONA ANNEX / CA99799F599900	0	1	\$0	\$69
COYOTE WELLS GAP FIL AX P76B / CA99799F542200	1	0	\$185	\$0
CP ROSS / CA99799F540500	0	1	\$0	\$0
DEL NORTE COUNTY AIRPORT / CA99799F574000	1	0	\$4	\$0
DESERT CENTER DIVISION CAMP / CA99799F542800	0	1	\$0	\$0
DESERT CNTR ARPT / CA99799F542700	1	0	\$15	\$0
DEWITT GENERAL HOSPITAL / CA99799F573100	2	0	\$460	\$0
DUNLOP AUXILIARY FIELD / CA99799F537500	0	1	\$0	\$0
EAGLE ARMY AIRFIELD / CA99799F573400	4	0	\$835	\$0
EAST BOREGO BT / CA99799F754500	0	1	\$0	\$0
EDWARDS AFB PROJ ROUND UP / CA99799F543300	0	1	\$0	\$0
EL CENTRO MARINE CORPS AIR STATION / CA99799FA07400	1	0	\$268	\$0
EL SEGUNDO BATTERY SITE / CA99799F535000	0	1	\$0	\$58
FAMOSA AUXILIARY FIELD #3 / CA99799F544200	0	1	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Throug	ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
California				
FARALLON ISLANDS / CA99799F917400	1	0	\$244	\$0
FORWARD RELAY STATION 1-MS / CA99799F544300	0	1	\$0	\$0
FT. MACARTHUR LOWER&MIDDLE RES / CA99799F533800	0	1	\$0	\$161
GIBSON REDWOOD CITY / CA99799FA20200	1	0	\$29	\$0
GRANADA CANTONMENT AREA / CA99799F575000	1	0	\$15	\$0
GRANITE CANYON MARINE LABORATORY / CA99799F988900	1	0	\$1,209	\$0
GREAT HIGHWAY MILITARY RESERVATION / CA99799F575200	1	0	\$13	\$0
GREY BUTTE AUX FLD #4 / CA99799F545300	0	1	\$0	\$0
GUALALA BOMBING TARGET / CA99799F592800	0	1	\$0	\$1
HALF MOON BAY FLIGHT STRIP / CA99799F575600	1	0	\$272	\$0
HAMILTON ARMY AIRFIELD PHASE II CONTRACT / CA99799F990400	1	0	\$4,995	\$0
HAMILTON ARMY AIRFIELD PHASE II IN HOUSE / CA99799F990300	1	0	\$3,399	\$0
HAMMOND GENERAL HOSPITAL / CA99799F576000	3	0	\$159	\$0
KINNER MOTORS / CA99799F532000	2	0	\$574	\$0
LA DEF AREA NIKE 88 / CA99799F547700	1	0	\$155	\$0
LAKE PILLSBURY REST CAMP / CA99799F577400	1	0	\$15	\$0
LAWRENCE LIVERMORE NATIONAL LABORATORY / CA99799F590800	1	0	\$552	\$0
LOS ANGELES AFS ANNEX NO.1 / CA99799F550800	1	0	\$27	\$0
LOS ANGELES MEDICAL DEPOT / CA99799F550900	1	0	\$127	\$0
LOS ANGELES ORDNANCE DEPOT / CA99799F549100	0	1	\$0	\$0
MANHATTAN BEACH RAILWAY SITE / CA99799F551200	0	1	\$0	\$0
MARCH TVOR ANX / CA99799F551500	1	0	\$24	\$0
MENDENHALL PEAK CAMP SITE / CA99799F551700	0	1	\$0	\$0
MERCED AUXILIARY FIELD NO. 1 / CA99799F579800	1	0	\$3	\$0
MERCED AUXILIARY FIELD NO. 3 / CA99799F579600	1	0	\$16	\$0
MERCED JAPANESE RECEPTION CENTER / CA99799F579900	1	0	\$13	\$0
MEXICAN BORDER FCS / CA99799F551800	0	1	\$0	\$0

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
California				
MILL VALLEY AFB / CA99799F688800	2	0	\$922	\$0
MONTEZUMA SLOUGH / CA99799FA20500	2	1	\$0	\$1
MORRO BAY-SAN SIMEON MANEUVER AREA / CA99799FA50200	0	1	\$0	\$0
MOUNT LAGUNA AF STATION / CA99799F590900	2	0	\$881	\$0
MOUNT VACA RADIO RELAY STATION / CA99799F580500	1	0	\$2	\$0
MT LAGUNA (GATR) / CA99799F524800	1	0	\$5	\$0
MT. WHITNEY MILITARY RESERVATION / CA99799F744000	0	1	\$0	\$0
NASA AREA 2 / CA99799F530800	2	0	\$145	\$0
NAVAL AIR BASE / CA99799F993700	0	1	\$0	\$169
NAVAL AIR STATION / CA99799FA03700	1	0	\$429	\$0
NAVAL AUXILIARY AIR STATION MONTEREY / CA99799F600400	4	0	\$15,091	\$0
NAVAL DIRECTION FINDER / CA99799F991400	1	0	\$94	\$0
NAVAL INDUSTRIAL RESERVE PLANT BERKELEY / CA99799F527100	1	0	\$131	\$0
NAVAL MATERIAL REDISTRIBUTIOIN / CA99799F597200	1	0	\$102	\$0
NAVAL ORDNANCE LAB / CA99799F597800	0	1	\$0	\$0
NAVAL ORDNANCE TEST STATION / CA99799FA03300	0	1	\$0	\$0
NAVAL OUTER LANDING FIELD COTATI / CA99799FA49500	3	1	\$180	\$1
NAVAL WEAPONS INDUST RES PLT / CA99799F595300	0	1	\$0	\$4
NAVY DIRIGIBLE BASE / CA99799FA06000	0	1	\$0	\$0
NAVY SECTION BASE / CA99799F744100	0	1	\$0	\$0
NEW MERCED MUNICIPAL AIRPORT / CA99799F580900	1	0	\$16	\$0
NEWPORT BEACH FCS / CA99799F553300	0	1	\$0	\$0
NIKE BATTERY #57 / CA99799F547800	1	0	\$22	\$0
NIKE BATTERY 14 - SILOS / CA99799F548300	1	1	\$63	\$0
NIKE BATTERY 29 / CA99799F548000	3	0	\$2,409	\$0
NIKE BTY 70 / CA99799F547900	1	0	\$13	\$0
NWS SEAL BEACH / CA99799F596000	0	1	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Throug	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
California					
ONTARIO A.N.G. TRAINING SITE / CA99799F554300	1	1	\$19	\$0	
OROVILLE GAP FILLER ANNEX P-58B / CA99799F581500	1	0	\$16	\$0	
OXNARD ILS OUTER MARK ANNEX / CA99799F554800	0	1	\$0	\$0	
OXNARD SEACOAST BATTERY / CA99799F555000	0	1	\$0	\$0	
PACIFIC OVERSEAS AIR SERVICE COMMAND STAGING AREA / CA99799F581700	1	0	\$21	\$0	
PALM SPRINGS ARMY AIR FIELD / CA99799F555100	0	2	\$0	\$342	
PALMDALE CANT AREA / CA99799F555300	1	0	\$28	\$0	
PALOS VERDES GAP FIL AX SM162D / CA99799F555400	1	0	\$393	\$0	
PALOS VERDES WHF CONT CTR / CA99799F544100	1	0	\$82	\$0	
PASO ROBLES MUNICIPAL AIRPORT / CA99799F543600	1	0	\$109	\$0	
POINT VICENTE MIL RES FC SITES / CA99799F556800	3	1	\$1,877	\$0	
POMONA QUARTERMASTER DEPOT / CA99799F556000	0	1	\$0	\$0	
POSO AUXILIARY FIELD #6 / CA99799F556200	0	1	\$0	\$0	
POTTER AUXILIARY FIELD NO. 5 / CA99799F582400	1	0	\$13	\$0	
PRC-PATTERSON INCORPORATED / CA99799FA49100	1	0	\$30	\$0	
PYRITE CANYON / CA99799F788600	0	1	\$0	\$73	
RICE AIR FIELD / CA99799F558000	1	0	\$247	\$0	
SADDLE PEAK NIKE / CA99799F522500	2	0	\$373	\$0	
SAN BER ENGR DEPOT / CA99799F558700	1	1	\$6,736	\$0	
SAN FRANCISCO NIKE BATTERY 31 / CA99799F599100	1	0	\$128	\$0	
SAN FRANCISCO NIKE BATTERY 89 / CA99799F585700	2	0	\$287	\$0	
SAN FRANCISCO NIKE BATTERY 91 / CA99799F585800	1	0	\$253	\$0	
SANTA ANA ARMY AIR BASE / CA99799F561600	1	0	\$915	\$0	
SANTA MONICA AAF REDIS STA #3 / CA99799F562200	0	1	\$0	\$0	
SANTA MONICA MOUNTAINS / CA99799F590100	1	0	\$126	\$0	
SANTA ROSA ARMY AIRFIELD / CA99799F524400	2	1	\$3,743	\$294	
SHAFTER COMM FACILITY ANNEX #2 / CA99799F529800	1	0	\$41	\$0	

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
California				
SHAFTER GAP FILLER ANX / CA99799F562800	1	0	\$158	\$0
SHAVERS SUMMIT AIRFIELD / CA99799F562900	0	1	\$0	\$0
TECATE GAP FILLER ANX / CA99799F563400	1	0	\$289	\$0
TIBURON NAVAL NET DEPOT / CA99799F597000	2	0	\$864	\$0
TORNEY GEN HOSPITAL / CA99799F563900	1	0	\$347	\$0
TRAVIS AFB NIKE BATTERY 86 / CA99799F588200	1	0	\$347	\$0
U.S.A.R. HUNTINGTON PARK / CA99799F564400	0	1	\$0	\$0
UNIVERSITY OF CALIFORNIA SANTA BARBARA / CA99799F810900	2	0	\$248	\$0
VANDENBERG ILS OUTER MARKER AN / CA99799F565600	1	0	\$97	\$0
VICTORVILLE AIR FORCE BASE / CA99799F805800	0	1	\$0	\$0
WHITMORE GAP FILLER ANNEX / CA99799F524200	2	0	\$505	\$0
WILDCAT MILITARY RESERVATION / CA99799F522300	1	1	\$84	\$5
WILMINGTON CLA & HOLD YD / CA99799F569000	1	1	\$139	\$0
WILSON PARK DAVIS COMMUNICATION ANNEX / CA99799F728500	2	0	\$65	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Colorado					
ARMY					
BENNETT ARNG TRAINING SITE / CO821080801500	1	0	\$780	\$0	
DONALD D PUCKETT USARC / CO821042249500	6	0	\$0	\$0	
DUNCAN-SELIX AFRC / CO82104CO01000	1	0	\$0	\$0	
ELMER E FRYAR USARC / CO821042189500	3	0	\$0	\$0	
EQUIPMENT CONCENTRATION SITE 42 (FORT CARSON) / C082104C001800	9	0	\$0	\$0	
FITZSIMONS ARMY MEDICAL CENTER / CO821162033300	15	0	\$26,727	\$0	
FORT COLLINS USARC (AMSA 100 BMA) / CO82104CO01900	11	0	\$0	\$0	
USARC AURORA 01 / C0821046FC0100	1	0	\$0	\$0	
USARC AURORA 02 / C082104C000200	1	0	\$0	\$0	
USARC COMMERCE CITY (AMSA 22) / CO821046FC3000	4	0	\$0	\$0	
USARC PUEBLO / CO821046FC2600	3	0	\$0	\$0	
AIR FORCE					
CHEYENNE MOUNTAIN AS / CO857112571900	1	0	\$0	\$0	
GREELEY AIR GUARD STATION / CO857282881400	6	0	\$12	\$0	
FORMERLY USED DEFENSE SITES					
AIR FORCE FINANCE & ACCOUNTING CENTER / CO89799F053200	1	0	\$156	\$0	
BUCKLEY FIELD ARC TR CTR / CO89799F059700	2	1	\$456	\$5	
CRAIG ARMY NATL GUARD TRG SITE / CO89799F055500	0	1	\$0	\$22	
DENVER ORD PLANT / CO89799F051200	2	0	\$721	\$0	
F.E. WARREN AFB AF FAC - SITE 10 / CO89799F051400	3	0	\$530	\$0	
FE WARREN AFB FAC SITE 9 / CO89799F052400	3	0	\$607	\$0	
FORT LOGAN / CO89799F057100	1	0	\$741	\$0	
FT CARSON MANEUVER AREA / CO89799F053000	0	1	\$0	\$148	
GRANADA REL CENTER / CO89799F057200	1	0	\$32	\$0	
LOWRY AFB S-1 (COMPLEX 1A) / CO89799F694200	2	0	\$1,326	\$0	
MONTROSE NATIONAL GUARD TARGET RANGE / CO89799F057800	0	1	\$0	\$2	

Installation / FFID	Total N of S	umber Sites	Costs Incur Through FY (\$000)	
	IRP MMRP		IRP MMRI	
Colorado				
PUEBLO ARMY AIR FIELD / CO89799F058300	1	0	\$105	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Connecticut				
ARMY				
BRADLEY FIELD ARNG / CT121180918000	4	0	\$0	\$0
EAST WINDSOR USARC / CT121042151900 / (1) / (3)	16	0	\$414	\$0
FAMILY HOUSING BRIDGEPORT NIKE 04 / CT121400920600	3	0	\$0	\$0
FAMILY HOUSING BRIDGEPORT NIKE 15 / CT121400921600	3	0	\$0	\$0
FAMILY HOUSING BRIDGEPORT NIKE 65 / CT121400930600	2	0	\$0	\$0
FAMILY HOUSING HARTFORD NIKE 67 / CT121400956800	2	0	\$0	\$0
FAMILY HOUSING HARTFORD NIKE 8 / CT121400950900	2	0	\$0	\$0
FAMILY HOUSING MANCHESTER, CT 25 / CT121402256800	3	0	\$0	\$0
FAMILY HOUSING MIDDLETOWN 48 / CT121400987200	3	0	\$0	\$0
FAMILY HOUSING MILFORD, CT 17 / CT121402263900	2	0	\$0	\$0
FAMILY HOUSING NEW BRITAIN, CT 57 / CT121402266100	2	0	\$0	\$0
FAMILY HOUSING PORTLAND CT 36 / CT121402262700	3	0	\$0	\$0
FAMILY HOUSING SHELTON CT 74 / CT121402258900	6	0	\$0	\$0
FAMILY HOUSING WESTPORT CT 73 / CT121402262600	3	0	\$0	\$0
MIDDLETOWN USARC / CT121042277000	12	0	\$230	\$0
USARC BRIDGEPORT / CT121042296500	9	0	\$0	\$0
USARC DANBURY / CT121041AB0800	1	0	\$0	\$0
USARC MILFORD / CT121042180700	11	0	\$0	\$0
USARC NEW HAVEN / CT121041AB3500	7	0	\$0	\$0
USARC WATERBURY / CT121041AB3800	4	0	\$0	\$0
USARC WEST HARTFORD / CT121041AB4200	5	0	\$0	\$0
WINDSOR LOCKS USARC / CT121042258700	26	0	\$233	\$0
NAVY				
BLOOMFIELD NWIRP / CT117002213400	8	0	\$4,923	\$0
EAST LYME NUSC / CT117002757400	1	0	\$195	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Connecticut				
FORMERLY USED DEFENSE SITES				
BRADLEY MILITARY AF / CT19799F175000	3	0	\$1,648	\$0
BRAINARD FIELD / CT19799F903600	0	1	\$0	\$0
FORT GRISWOLD / CT19799F869700	0	1	\$0	\$0
FORT HALE / CT19799F903300	1	1	\$24	\$0
NAVY IRP #61 / CT19799F176300	1	0	\$1	\$0
NEW HAV ARMY AF / CT19799F175700	1	1	\$34	\$0
NIKE 04 / CT19799F173600	1	0	\$188	\$0
NIKE 08 / CT19799F173700	1	0	\$136	\$0
NIKE 48 / CT19799F174400	1	0	\$202	\$0
NIKE BR-23 / CT19799F174100	2	0	\$339	\$0
NIKE BR-65 / CT19799F174000	2	0	\$301	\$0
NIKE HA-25 / CT19799F174200	1	0	\$165	\$0
NIKE HA-67 / CT19799F174500	1	0	\$158	\$0
PINE ISL BAT SITE / CT19799F676800	1	1	\$4	\$0
POSHEN PT AMTB 914 / CT19799F810600	0	1	\$0	\$0
PRATT & WHITNEY PLANCOR / CT19799F174800	2	0	\$40	\$0
REHAB CNTR / CT19799F173800	1	0	\$48	\$0
RENTSCHLER FIELD / CT19799F903500	0	1	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Delaware				
ARMY				
USARC DOVER / DE321042180500	5	0	\$0	\$0
USARC LEWES / DE3210415C1600	5	0	\$0	\$0
USARC SEAFORD / DE3210415CZ100	2	0	\$0	\$0
USARC WILMINGTON, DE / DE321042116800	4	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
DRAVO CORPORATION / DE39799F136400	2	0	\$480	\$0
FORT DELAWARE (PEA PATCH ISLAND) / DE39799F134100	1	1	\$336	\$162
FORT MILES MILITARY RESERVATION / DE39799F133300 / (3)	3	1	\$1,471	\$3,858
LENAPE ORD MOD CNTR / DE39799F134400	1	0	\$336	\$0

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
District of Columbia					
ARMY					
FORT MCNAIR / DC321022100400	9	0	\$1,610	\$0	
WALTER REED ARMY MEDICAL CENTER / DC321162115600	7	0	\$4,416	\$0	
NAVY					
WASHINGTON DC NAVSECSTA / DC317002347600	3	0	\$3,978	\$0	
FORMERLY USED DEFENSE SITES					
AAA FORT RENO / DC39799F131300	0	1	\$0	\$0	
CAMP SIMMS MILITARY RESERVATION / DC39799F131200 / (1)	1	1	\$5,879	\$409	
CATHOLIC UNIVERSITY RESEARCH STATION / DC39799F812500	0	1	\$0	\$751	
CHAIN BRIDGE / DC39799F926900	0	1	\$0	\$0	
DIAMOND ORDNANCE FUZE LABORATORY / DC39799F928300	0	1	\$0	\$0	
FORT BAKER / DC39799F973900	0	1	\$0	\$0	
FORT BAYARD / DC39799F974000	0	1	\$0	\$0	
FORT BUNKER HILL / DC39799F974100	0	1	\$0	\$0	
FORT CHAPLIN / DC39799F974200	0	1	\$0	\$0	
FORT DAVIS / DC39799F974400	0	1	\$0	\$0	
FORT DERUSSY / DC39799F974500	0	1	\$0	\$0	
FORT DUPONT PARK SITE / DC39799F131800	0	1	\$0	\$0	
FORT GREBLE / DC39799F974600	0	1	\$0	\$0	
FORT KEARNY / DC39799F974700	0	1	\$0	\$0	
FORT LINCOLN / DC39799F974900	0	1	\$0	\$0	
FORT MAHAN / DC39799F975000	0	1	\$0	\$0	
FORT RICKETTS / DC39799F975300	0	1	\$0	\$0	
FORT SLEMMER / DC39799F975500	0	1	\$0	\$0	
FORT SLOCUM / DC39799F975600	0	1	\$0	\$0	
FORT SNYDER / DC39799F975700	0	1	\$0	\$0	
FORT STANTON / DC39799F975800	0	1	\$0	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
District of Columbia				
FORT STEVENS / DC39799F975900	0	1	\$0	\$0
FORT TOTTEN / DC39799F976200	0	1	\$0	\$0
FORT WAGNER / DC39799F976300	0	1	\$0	\$0
NAVAL STATION, ANACOSTIA ANNEX / DC39799F132900	0	1	\$0	\$0
WASHINGTON NAVY YARD / DC39799F133200	0	1	\$0	\$0

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Florida				
ARMY				
AFRC DAYTONA BEACH / FL4210423D0800	1	0	\$0	\$0
CAPE ST GEORGE / FL421372283100	2	0	\$0	\$0
MCCOY USARC / FL421041240100	1	0	\$0	\$0
PERRINE LTA / FL421042244700	0	1	\$0	\$295
USARC CORAL GABLES / FL42104FL00100	2	0	\$0	\$0
USARC FORT LAUDERDALE (NININGER) / FL421042250700	7	0	\$0	\$0
USARC GAINESVILLE (1300) / FL4210423D1300	1	0	\$0	\$0
USARC GAINESVILLE (LAYTON) / FL421042035600	3	0	\$0	\$0
USARC JACKSONVILLE (BURPEE) / FL421042180300	3	0	\$0	\$0
USARC JACKSONVILLE (MILAM) / FL421042187500	5	0	\$0	\$0
USARC JACKSONVILLE (PHILLIPS) / FL42104FL01000	1	0	\$0	\$0
USARC KISSIMMEE / FL4210423D2800	3	0	\$0	\$0
USARC LAKELAND / FL421042143900	7	0	\$0	\$0
USARC MELBOURNE / FL421042277500	4	0	\$0	\$0
USARC MIAMI (AMSA 47G) / FL421042212400	4	0	\$0	\$0
USARC MILTON / FL421042299300	1	0	\$0	\$0
USARC OCALA / FL421042287500	5	0	\$0	\$0
USARC ORLANDO (ASF 49) / FL4210423DA200	10	0	\$0	\$0
USARC ORLANDO (ECS MCCOY ANNEX) / FL4210423DG100	13	0	\$0	\$0
USARC ORLANDO (MCCOY 03) / FL421042291700	4	0	\$0	\$0
USARC ORLANDO (ORANGE COUNTY) / FL421042194000	4	0	\$0	\$0
USARC PALATKA (AMSA 55W) / FL421042245400	9	0	\$0	\$0
USARC PANAMA CITY / FL421042227500	1	0	\$0	\$0
USARC PENSACOLA / FL421042182100	3	0	\$0	\$0
USARC PERRY / FL4210423D6200	5	0	\$0	\$0
USARC PORT CHARLOTTE / FL4210423D6300	6	0	\$0	\$0
USARC ST PETERSBURG / FL421042197500	7	0	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10 (00)
	IRP	MMRP	IRP	MMRP
Florida				
USARC ST PETERSBURG (AMSA 51M) / FL42104FL10300	6	0	\$0	\$0
USARC TAFT / FL421042284600	2	0	\$0	\$0
USARC TALLAHASSEE / FL421042188900	2	0	\$0	\$0
USARC TAMPA / FL421042122400	3	0	\$0	\$0
USARC WEST PALM BEACH (BABCOCK) / FL421042237500	7	0	\$0	\$0
USARC WEST PALM BEACH (GUN CLUB) / FL4210423D7500	1	0	\$0	\$0
NAVY				
ORLANDO NRL UWS REF DET / FL417002202500	1	0	\$2,880	\$0
PENSACOLA PWC / FL417002456700	1	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
AF PLANT NO 74 / FL49799F461800	1	0	\$3,129	\$0
AIR-TO-GROUND GUN RANGE PINELLAS / FL49799F455300	0	1	\$0	\$72
BASCOM AUX FIELD 3 / FL49799F437600	1	0	\$341	\$0
CAMPVILLE SATELLITE FIELD / FL49799F715200	0	1	\$0	\$0
CARLSTROM FIELD / FL49799F715400	1	0	\$395	\$0
CHAPMAN FIELD / FL49799F439700	1	0	\$63	\$0
CHASSAHOWITZKA / FL49799F805000	0	1	\$0	\$74
CUMMER FIELD TARGET / FL49799F469200	0	1	\$0	\$0
DAVIE FIELD TARGET / FL49799F470000	0	1	\$0	\$0
DELAND NAVAL TRAINING CENTER / FL49799F462700	2	0	\$1,688	\$0
DINNER KEY NAVAL AIR FAC / FL49799F922000	1	1	\$4	\$0
ELLYSON (SITE 5) OLF / FL49799F463400	1	0	\$21	\$0
ESTRO ISLAND DOCKS / FL49799F967500	1	0	\$1	\$0
FORT DADE / FL49799F435100	2	1	\$476	\$0
FT JEFFERSON NATIONAL MONUMENT / FL49799F436600	0	1	\$0	\$49
FT LAUDERDALE BOMB TARGET 2 / FL49799F713400	0	1	\$0	\$115

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Florida					
FT LAUDERDALE BOMB TARGET 3 / FL49799F713500	0	1	\$0	\$117	
FT LAUDERDALE BOMB TARGET 4 / FL49799F713600	0	1	\$0	\$114	
FT LAUDERDALE BOMB TARGET 5 / FL49799F713700	0	1	\$0	\$116	
FT LAUDERDALE BOMB TARGET 6 / FL49799F713800	0	1	\$0	\$114	
FT LAUDERDALE BOMB TARGET 7 / FL49799F713900	0	1	\$0	\$112	
FT LAUDERDALE BOMB TARGET 8 / FL49799F714000	0	1	\$0	\$124	
HOLOPAW BOMB TARGET / FL49799F471100	0	1	\$0	\$0	
INDIAN ROCKS AWS STATION 27 / FL49799F455500	0	1	\$0	\$0	
KAY LARKIN AIRPORT / FL49799F434800	0	1	\$0	\$0	
KEYSTONE AAF / FL49799F440800	3	0	\$562	\$0	
LEESBURG AAF / FL49799F441400	1	0	\$578	\$0	
LODWICK FIELD / FL49799F472000	1	0	\$17	\$0	
LONG KEY GAP FILLER / FL49799F858800	1	0	\$79	\$0	
MELBOURNE HELIUM ANNEX / FL49799F445900	1	0	\$19	\$0	
MILE BRANCH SATELLITE / FL49799F719900	0	1	\$0	\$0	
NAVAL INDUST RES SHIPYARD / FL49799F465400	1	0	\$129	\$0	
NAVAL RESERVE ARMORY JACKSONVILLE / FL49799F922100	1	0	\$2	\$0	
NEW SMYRNA BEACH MUN AIRPORT / FL49799F472100	0	1	\$0	\$0	
NIKE HM-40 USAF HOMESTEAD / FL49799F452900	1	0	\$59	\$0	
NIKE HM-69 EVERGLADES / FL49799F433100	2	0	\$347	\$0	
ORLANDO EXECUTIVE AIRPORT / FL49799F434500	0	1	\$0	\$164	
PANAMA CITY HARBOR DEF / FL49799F898100	0	1	\$0	\$0	
PUNTA GORDA ARMY AAF / FL49799F442600	1	0	\$13	\$0	
RIFLE RANGE MORRISON AAF / FL49799F441900	0	1	\$0	\$0	
RIVERSIDE TRAIN AREA / FL49799F923000	1	0	\$0	\$0	
STIRLING BOMB TARGET / FL49799F469900	0	1	\$0	\$197	
TAMPA NAVAL INDUST RES SHIPYARD / FL49799F471600	2	0	\$204	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Florida				
TRUMBO POINT NAS ANNEX / FL49799F471900	1	0	\$15	\$0
USAF IMESON AIRPORT / FL49799F450300	2	0	\$546	\$0
USAF PONCE DE LEON ANX / FL49799F456300	1	0	\$57	\$0
USAF RESERVE FERNANDINA / FL49799F440200	1	0	\$71	\$0
USAF VALKARIA MIS AX / FL49799F446700	1	0	\$33	\$0
WILLISTON MUN AIRPORT / FL49799F441700	2	0	\$24	\$0

Installation / FFID	Total N	umber Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Georgia				
ARMY				
AFRC WAYCROSS / GA4210423E7500	8	0	\$0	\$0
USARC ATHENS / GA421042173000	5	0	\$0	\$0
USARC AUGUSTA 02 / GA421042297300	6	0	\$0	\$0
USARC CARROLLTON / GA4210423E1200	5	0	\$0	\$0
USARC CHAMBLEE / GA4210423E1300	4	0	\$0	\$0
USARC COLUMBUS (MIDTOWN DR) / GA4210423E1800	1	0	\$0	\$0
USARC DOBBINS AFB / GA421042297800	8	0	\$0	\$0
USARC DUBLIN / GA421042302900	7	0	\$0	\$0
USARC EAST POINT ATLANTA / GA421042209300	6	0	\$0	\$0
USARC FOREST PARK / GA421042285000	5	0	\$0	\$0
USARC FORT VALLEY / GA421042199000	2	0	\$0	\$0
USARC GAINESVILLE / GA421042189700	7	0	\$0	\$0
USARC MACON / GA421042054100	7	0	\$0	\$0
USARC ROME / GA421042172800	2	0	\$0	\$0
USARC SAVANNAH / GA421042363700	6	0	\$0	\$0
USARC TIFTON / GA421042204200	6	0	\$0	\$0
NAVY				
ATHENS NAVSCSCOL / GA417002471300	1	0	\$3,836	\$0
ATLANTA NMCRC / GA417002417700	1	0	\$245	\$0
AIR FORCE				
SAVANNAH AGS (COMM) (RHODES) / GA457282611900	1	0	\$982	\$0
SAVANNAH CRTC / GA457282611901	4	0	\$132	\$0
FORMERLY USED DEFENSE SITES				
ARABIA MT STATE PARK / GA49799F937400	0	1	\$0	\$239
AUGUSTA ARSENAL / GA49799F472800	1	0	\$207	\$0
BAINBRIDGE AAF / GA49799F479500	1	0	\$228	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Georgia				
BAT GENERAL HOSPITAL / GA49799F476900	1	0	\$115	\$0
BRIDGEBORO GAP FIL ANX / GA49799F477800	1	0	\$82	\$0
CHICKAMAUGA / GA49799F472300	1	0	\$13	\$0
CP GORDON / GA49799F482100	0	1	\$0	\$66
CWM BURIAL SITE / GA49799F811700	0	1	\$0	\$63
ELBERTON GFA / GA49799F478000	1	0	\$25	\$0
FINNEY GENERAL HOSP / GA49799F477000	1	0	\$364	\$0
FLINTSTONE AFS / GA49799F480900	1	0	\$45	\$0
FORT SCREVEN / GA49799F473200	1	0	\$0	\$0
HERBERT SMART AIRPORT / GA49799F789300	0	1	\$0	\$258
KENNESAW MOUNTAIN ARTILLERY RANGE / GA49799F827400	0	1	\$0	\$1
NIKE 88 / GA49799F473900	1	0	\$108	\$0
NIKE BAT28,ROB AFB DEF / GA49799F479300	1	0	\$62	\$0
NOP MILLEDGEVILLE / GA49799F482000	1	0	\$39	\$0
STATEBORO AAF / GA49799F479100	1	0	\$49	\$0
TRAVIS FIELD / GA49799F480300	1	0	\$1,258	\$0
TURNER AFB NIKE BAT#79 / GA49799F475100	2	0	\$115	\$0

Installation / FFID	Total Number of Sites		Throug	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Guam					
NAVY					
AGANA NAS / GU917002755700 / (3)	39	0	\$64,358	\$0	
GUAM NAVFAC / GU917005745000	2	0	\$155	\$0	
GUAM NAVREGDENCEN / GU917002751300	1	0	\$0	\$0	
GUAMI COMNAVMARIANAS / GU917005704300	0	1	\$0	\$383	
FORMERLY USED DEFENSE SITES					
5TH FIELD MARINE SUPPLY DEPOT / GM99799F985400	0	1	\$0	\$4,833	
GUAM ADVENTIST ACADEMY / GM99799F374300	1	0	\$5	\$0	
HARMON QUARRY / GM99799F373700	1	0	\$61	\$0	
TUMON GUN SITE / GM99799F373900	1	0	\$43	\$0	
U.S. NAVAL HOSPITAL / GM99799F943800	1	0	\$88	\$0	
WAR IN PACIFIC-GUAM / GM99799F373400	0	1	\$0	\$137	

Installation / FFID		Total Number of Sites		ncurred h FY10 00)
	IRP	MMRP	IRP	MMRP
Hawaii				
ARMY				
ALIAMANU MILITARY RESERVATION / HI921452219900	2	0	\$1,005	\$0
DILLINGHAM MIL RESERVATION / HI921452288900	6	0	\$114	\$0
FORT DE RUSSY / HI921452220400	1	0	\$107	\$0
FORT KAMEHAMEHA / HI921452220500	26	0	\$1,275	\$0
HELEMANO RAD REC STATION / HI921452220900	9	0	\$330	\$0
KAHUKU TRAINING AREA / HI921452221200	3	0	\$124	\$0
KAPALAMA MILITARY RESERVATION / HI921452221400	22	0	\$638	\$0
KILAUEA MILITARY RESERVATION / HI921452221900	19	2	\$826	\$224
KIPAPA AMMO STORAGE SITE / HI921452222000	1	0	\$194	\$0
KUNIA FIELD STATION / HI921452305900 / (3)	3	0	\$1,582	\$0
NAVY				
PEARL HARBOR INACTSHIPDET / HI917002477900	1	0	\$0	\$0
AIR FORCE				
KAALA AIR FORCE STATION / HI957302872700	9	0	\$747	\$0
KOKEE STATE PARK / HI957302872500	2	0	\$14	\$0
MAUI SATELLITE TRACKING STATION / HI957112885500	13	0	\$0	\$0
PALEHUA SOLAR ORBS / HI957302878700	2	0	\$80	\$0
PUNAMANO AIR FORCE STATION / HI957302872800	1	0	\$247	\$0
WHEELER ARMY AIR FIELD / HI957302873200	8	0	\$4,257	\$0
FORMERLY USED DEFENSE SITES				
AIEA AAA COMMAND POST / HI99799F376000	1	0	\$0	\$0
BATTERY AVERY J. COOPER / HI99799F378500	1	0	\$261	\$0
BATTERY GEORGE W. RICKER / HI99799F379100	2	0	\$142	\$0
CASTNER GARAGE / HI99799F814000	1	0	\$210	\$0
COCONUT ISLAND / HI99799F380100	1	0	\$203	\$0
ENGINEER BASE YARD / HI99799F381700	1	0	\$173	\$0

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Hawaii				
FORT BARRETTE / HI99799F382800	1	0	\$0	\$0
FORT RUGER / HI99799F383100	2	0	\$271	\$0
FRENCH FRIGATE SHOAL / H199799F383500	1	0	\$1,371	\$0
GUNNERY SITE / HI99799F383800	0	1	\$0	\$1,524
HICKAM MIL AF / HI99799F375000	0	1	\$0	\$115
HILO RESEARCH SITE / HI99799F386300	1	0	\$159	\$0
KAENA POINT MILITARY RES / HI99799F387800	2	0	\$246	\$0
KAMAOLE TRAINING BASE / HI99799F389500	0	1	\$0	\$171
NIKE SITE NO. 5 / HI99799F806400	1	0	\$21	\$0
OFFSHORE WAIANAE SEWAGE OUTFALL / HI99799F990000	0	1	\$0	\$18
OPANA POINT BOMBING RANGE / HI99799F400200	0	1	\$0	\$818
PAPAHOLAHOLA COMM SITE / HI99799F401000	1	0	\$209	\$0
PAPOHAKU RANCHLAND SUB / HI99799F739500	0	1	\$0	\$1,789
PUPUKEA FIRE CONTROL STATION / HI99799F402700	1	0	\$0	\$0
PUULOA-EX NAS BAR POINT / HI99799F410600	1	0	\$6	\$0
RADIO TRANSMITTER STA / HI99799F407300	1	0	\$256	\$0
SAKE BREWERY & ICE CO / HI99799F386700	1	0	\$247	\$0
SITE 3 / HI99799F970200	0	1	\$0	\$0
SITE 3A / HI99799F970300	0	1	\$0	\$0
ST-10 SHERWOOD FOREST USTS / HI99799FA10100	1	0	\$263	\$0
WAIAKEA FOREST RESERVE / HI99799F405500	0	2	\$0	\$74
WAIAU DRUM STORAGE / HI99799F407100	2	0	\$369	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Idaho				
ARMY				
AFRC IDAHO FALLS / ID021042261800	4	0	\$0	\$0
ORCHARD RANGE TS BOISE / ID0211816A2500	0	5	\$0	\$135
USARC BOISE (AMSA 3) / ID021046FD0200	12	0	\$0	\$0
USARC COEUR D'ALENE / ID021042283600	8	0	\$0	\$0
USARC REXBURG / ID021046FD1000	6	0	\$0	\$0
USARC TWIN FALLS / ID021042304700	8	0	\$0	\$0
NAVY				
BAYVIEW ID NSWC / ID017002757900	1	0	\$257	\$0
FORMERLY USED DEFENSE SITES				
BLAINE COUNTY NG TARGET / ID09799F300800	0	1	\$0	\$5
BOISE ARMY BARRACKS / ID09799F300900 / (1) / (3)	2	1	\$34	\$2,137
COTTONWOOD AIR FORCE STA / ID09799F301200	1	0	\$42	\$0
FORMER NAVAL OP / ID09799F300600	2	0	\$716	\$0
POCATELLO MIL AF / ID09799F300300	3	0	\$201	\$0
POCATELLO MOV TARGET RANG / ID09799F302400	0	1	\$0	\$70
TARGHEE NF CHEMICAL WARFARE SERVICE TEST SITE / ID09799F909000	0	1	\$0	\$68

Installation / FFID	Total Number of Sites		Throug	ncurred gh FY10 000)
	IRP	MMRP	IRP MMRP	
Illinois				
ARMY				
ILT A.J. ELLISON USARC / IL521042173900	9	0	\$0	\$0
2LT R H STEPHENS USARC / IL521044306000	7	0	\$0	\$0
AMSA #45 / IL521042182800	21	0	\$0	\$0
BLOOMINGTON USARC / IL521044302800	5	0	\$0	\$0
COL P. SCHULSTAD USARC / IL521044N06500	3	0	\$0	\$0
CPT ROBERT B. CHAPMAN USARC / IL521042195400	1	0	\$0	\$0
FAMILY HOUSING ADDISON / IL521401757200	4	0	\$0	\$0
FAMILY HOUSING WORTH / IL521401755200	5	0	\$0	\$0
FOX VALLEY MEMORIAL USARC / IL521044302500	5	0	\$0	\$0
HOMEWOOD ARNG / IL521181712300	1	0	\$0	\$0
JOLIET RAILROAD USARC / IL521042364000	4	0	\$0	\$0
LINCOLN-DOUGLAS USARC / IL521042176200	5	0	\$0	\$0
LOUIS JOLIET AFRC / IL521044304800	4	0	\$0	\$0
MAJ HERBERT J DEXTER USARC / IL521044304000	7	0	\$0	\$0
MAJ M. D. O'DONNELL USARC / IL521044305900	4	0	\$0	\$0
N RIVERSIDE MAINTENANCE CENTER / IL521181718000	5	0	\$0	\$0
PFC R G WILSON USARC / IL521044305000	5	0	\$0	\$0
PFC R. GANTNER USARC / IL521044F02700	3	0	\$0	\$0
PHILIP H SHERIDAN RESERVE CTR / IL52104IL13100	5	6	\$0	\$54
ROCKFORD USARC / IL521044305600	6	0	\$0	\$0
SCOTT AFB USARC / IL521044F06800	24	0	\$0	\$0
SFC E L COPPLE USARC / IL521044303000	4	0	\$0	\$0
SGT BRUCE G HOWERTER USARC / IL521044302900	9	0	\$0	\$0
SGT JAMES W. ROBINSON JR USARC / IL521044303500	5	0	\$0	\$0
SSG R. E. WALTON USARC / IL521042199300	1	0	\$0	\$0
USARC CHICAGO (BRYN MAWR AVE) / IL521042108300	8	0	\$0	\$0
USARC CHICAGO (GIBSON) / IL521044U03200	1	0	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Throug	ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Illinois				
USARC CHICAGO (KEDZIE AVE) / IL521044303300	1	0	\$0	\$0
USARC EAST ST LOUIS / IL521044304200	7	0	\$0	\$0
USARC FORT SHERIDAN (AMSA 47) / IL5210443G4700	11	0	\$226	\$0
USARC GALESBURG / IL521044N04600	3	0	\$0	\$0
USARC GLENVIEW (ASF 26) / IL5210443N2600	16	0	\$0	\$0
USARC KANKAKEE / IL521042212000	9	0	\$0	\$0
USARC MAYWOOD (AMSA 46) / IL5210443G4600	11	0	\$0	\$0
USARC PEORIA (AMSA 48) / IL5210443G4800	11	0	\$0	\$0
USARC PEORIA (NORTHMOOR) / IL521042069300	6	0	\$0	\$0
USARC ROCKFORD (15TH AVE) / IL521042299900	2	0	\$0	\$0
USARC ROCKFORD (FIRST) / IL521044300700	1	0	\$0	\$0
USARC ROSEMONT / IL521044303400	13	0	\$0	\$0
VETERANS MEMORIAL USARC / IL521044N03100	5	0	\$0	\$0
VIETNAM VET MEM USARC (SOUTH ) / IL52104IL05100	4	0	\$0	\$0
WAUKEGAN AFRC / IL521044N06100	6	0	\$0	\$0
ZEGA BROTHERS USARC / IL52104IL05000	6	0	\$0	\$0
NAVY				
GLENVIEW NAS / IL517002293000 / (1)	33	0	\$24,834	\$0
LIBERTYVILLE TRAINING SITE / IL517009999900 / (1)	8	0	\$5,192	\$0
AIR FORCE				
O'HARE IAP ARS / IL557122427200 / (1) / (3)	19	2	\$9,782	\$0
FORMERLY USED DEFENSE SITES				
43RD ST. PN 24 / IL59799F860800	1	0	\$153	\$0
AIR FORCE PLANT #39 / IL59799F219300	4	0	\$5,348	\$0
ARMY MOTOR POOL - EXCHANGE AVE / IL59799F886100	1	0	\$205	\$0
C-71 H&G PN 76, WESTCHESTER / IL59799F885100	1	0	\$172	\$0

Installation / FFID	Total Number of Sites		Throug	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Illinois					
C-76 H&G PN 57, RIVER GROVE / IL59799F885200	1	0	\$158	\$0	
C-82 H&G PN 67, SCHILLER PARK / IL59799F885300	1	0	\$151	\$0	
CALUMET PARK H&G PN 34 / IL59799F885500	1	0	\$106	\$0	
CAMP ELLIS MANEUVER AND TRAINING AREA / IL59799F804800	0	1	\$0	\$1	
CAMP GRANT / IL59799F218500	1	1	\$388	\$81	
CAMP LOGAN (IL BEACH STATE PARK) / IL59799F222500	0	1	\$0	\$1	
CAMP PINE POW CAMP-MT PROSPECT / IL59799F944300	1	0	\$114	\$0	
CAMP THORNTON POW CAMP / IL59799F884600	1	0	\$136	\$0	
CHANUTE RADIO BEACON ANNEX / IL59799F219600	1	0	\$209	\$0	
CHANUTE VOR FACILITY, PENFIELD / IL59799F971200	1	0	\$112	\$0	
CHICAGO AIRCRAFT ASSEMBLY PLANT / IL59799F219100	1	1	\$0	\$57	
CHICAGO ORDNANCE PLANT (HOME DEPOT) / IL59799F819200	1	0	\$3	\$0	
GEORGE FIELD RADIO RANGE STATION / IL59799F224500	1	0	\$65	\$0	
IL ORDNANCE PLANT (CRAB ORCHARD) / IL59799F217200 / (1) / (3)	4	1	\$10,034	\$1,321	
KANKAKEE ORDNANCE WORKS / IL59799F217800	1	1	\$73	\$1	
LINCOLN ORDNANCE DEPOT / IL59799F221500	2	0	\$1,754	\$0	
LOYOLA PARK H&G PN 28 / IL59799F885900	1	0	\$105	\$0	
MANHATTAN ED, PALOS PARK / IL59799F222600	1	0	\$220	\$0	
MAYO GENERAL HOSPITAL / IL59799F218600	1	1	\$102	\$1	
NIKE C-03 - BELMONT HARBOR / IL59799F218300	1	0	\$539	\$0	
NIKE C-40 - BURNHAM PARK / IL59799F761300	1	0	\$170	\$0	
NIKE C-49 - HOMEWOOD / IL59799F219800	1	0	\$242	\$0	
NIKE C-54 - ORLAND PARK / IL59799F220000	2	0	\$1,105	\$0	
NIKE C-61 - ARGONNE LABS / IL59799F220100	3	0	\$1,278	\$0	
NIKE C-80/81 - ARLINGTON / IL59799F220300	1	0	\$445	\$0	
NIKE C-84 - PALATINE / IL59799F220400	2	0	\$258	\$0	
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<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites  IRP MMRP		ncurred gh FY10 000)
	IRP			MMRP
Illinois				
SAVANNA ORD PLANT (BLACKHAWK VILLAGE) / IL59799F217900	T 1	1	\$141	\$1
SAVANNA ORD FLANT (BLACKHAWK VILLAGE)/ IL37/77121/700	1	1	3141	\$1
SENECA SHIPYARDS / IL59799F219500	1	0	\$526	\$0
SKOKIE VALLEY POW CAMP / IL59799F884500	1	0	\$65	\$0

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Indiana				
ARMY				
AFRC EVANSVILLE / IN521044J08000	10	0	\$0	\$0
CAMP ATTERBURY / IN521181807500	9	0	\$0	\$0
COL KENNETH P. WILLIAMS USARC / IN521044L07600	4	0	\$0	\$0
CPL ROBT SHAFFER USARC / IN521044L09000	7	0	\$0	\$0
FORT BENJAMIN HARRISON / IN521372040200	42	0	\$22,531	\$0
FT BEN HARRISON USARC/AMSA129 / IN521044J08100	10	0	\$0	\$0
GEORGE E. HALLIDAY USARC / IN521044J09100	8	0	\$0	\$0
PFC W. L. GILLESPIE USARC / IN521044L08200	4	0	\$0	\$0
RICHMOND USARC / IN521044L09600	2	0	\$0	\$0
ROBERT R. MOSELE USARC / IN521044T10000	5	0	\$0	\$0
ROPER R. PEDDICORD USARC / IN521044J07900	7	0	\$0	\$0
SGT CHARLES H. SESTON USARC / IN521044L07700	7	0	\$0	\$0
USARC GARY / IN521042157300	5	0	\$0	\$0
USARC INDIANAPOLIS / IN521044J08500	2	0	\$0	\$0
USARC JEFFERSONVILLE / IN521042203900	18	0	\$0	\$0
USARC NORTH JUDSON / IN521042157100	7	0	\$0	\$0
USARC RUSHVILLE / IN521044J09700	6	0	\$0	\$0
USARC SCOTTSBURG / IN521042176300	9	0	\$0	\$0
USARC SOUTH BEND (AMSA 39) / IN521044JG3900	12	0	\$0	\$0
AIR FORCE				
FORT WAYNE MUNICIPAL AIRPORT / IN557282590600	4	0	\$1,720	\$0
HULMAN REGIONAL AIRPORT / IN557282590500	6	0	\$1,872	\$0
FORMERLY USED DEFENSE SITES				
AIR FORCE PLANT #26 / IN59799F360300	1	0	\$365	\$0
AIR FORCE PLANT #46 / IN59799F360400	1	0	\$13	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Nun of Site			Costs Incurred Through FY10 (\$000)	
		IRP MMRP		IRP	MMRP
Indiana					
CAMP ATTERBURY / IN59799F356800		1	1	\$0	\$150
COLUMBUS MUNICIPAL AIRPORT / IN59799F361100		1	0	\$14	\$0
FREEMAN ARMY AIRFIELD / IN59799F356700		1	0	\$61	\$0
JEFFERSONVILLE QUARTERMASTER DEPOT / IN59799F356900		1	0	\$13	\$0
NIKE C-45 - GARY AIRPORT / IN59799F951500		3	0	\$1,274	\$0
NIKE C-46 - MUNSTER / IN59799FA12300		2	0	\$266	\$0
NIKE C-47 - HOBART / IN59799F359600		4	0	\$1,309	\$0
NIKE C-48 - GARY / IN59799F359500		2	0	\$1,929	\$0
ROCKVILLE AFS / IN59799F358000		2	0	\$360	\$0
TERRE HAUTE ORDNANCE PLANT / IN59799F358500		2	0	\$335	\$0
VIGO PLANT CHEMICAL WARFARE / IN59799F358800		3	1	\$423	\$119

Installation / FFID	Installation / FFID  Total Number of Sites			ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Iowa				
ARMY				
AMES USARC / IA721044711100	8	0	\$0	\$0
BURLINGTON MEMORIAL USARC / IA721044711200	8	0	\$0	\$0
CEDAR RAPIDS AFRC / IA721044711300	4	0	\$0	\$0
CRESTON MEMORIAL USARC / IA721044711600	1	0	\$0	\$0
DAVENPORT USARC / IA721044717700	4	0	\$0	\$0
DUBUQUE AFRC / IA721044712500	8	0	\$0	\$0
FORT DES MOINES / IA721402026400	8	0	\$6,779	\$0
FREEMAN-DAVIS USARC / IA721044713400	4	0	\$0	\$0
FT DES MOINES USARC / IA721044812100	12	0	\$0	\$0
JOE L MACKEY AFRC/AMSA / IA721044713500	13	0	\$0	\$0
MT PLEASANT USARC / IA721044713000	4	0	\$0	\$0
MUSCATINE USARC / IA721044713100	1	0	\$0	\$0
PFC LLOYD C WOHLFORD JR USARC / IA721044711800	7	0	\$0	\$0
POCAHONTAS USARC / IA721044713300	7	0	\$0	\$0
ROBERT C KADGIHN USARC / IA721044712800	1	0	\$0	\$0
SP4 RONALD L MEANS USARC / IA721044711400	8	0	\$0	\$0
USARC DES MOINES (63/64/139) / IA721044712000	2	0	\$0	\$0
USARC DES MOINES (ASF 60) / IA7210443N6000	7	0	\$0	\$0
USARC FORT DODGE / IA721044712600	2	0	\$0	\$0
USARC GARNER, IA / IA721044712700	6	0	\$0	\$0
USARC OTTUMWA / IA721044713200	2	0	\$0	\$0
WASHINGTON (AMSA) / IA7210447G3000	5	0	\$0	\$0
WASHINGTON MEMORIAL USARC / IA721044713600	7	0	\$0	\$0
WAVERLY TRAINING SITE / IA721189002900	1	0	\$194	\$0
AIR FORCE				
DES MOINES INTERNATIONAL AIRPORT / IA757282589500	6	0	\$985	\$0
FORT DODGE AIR GUARD STATION / IA757282592100	1	0	\$30	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Iowa				
SIOUX GATEWAY MUNICIPAL AIRPORT / IA757282425600	5	0	\$5,959	\$0
FORMERLY USED DEFENSE SITES				
IOWA WESTERN COMM COLLEGE / IA79799F021900	1	0	\$0	\$0
OFFUTT AFB NIKE BATTERY OF-10 / IA79799F022100	1	0	\$104	\$0
OFFUTT AFB NIKE BATTERY OF-10 (LAUNCHER) / IA79799F022200	1	0	\$98	\$0
OTTUMWA TRACKING DATA ACQUISITION ANNEX / IA79799F021100	2	0	\$169	\$0
SIOUX CITY MUNI AIRPORT / IA79799F021800	3	0	\$3,554	\$0
VILLISCA NG TARGET RNG / IA79799F021200	0	1	\$0	\$2
WAVERLY AFS (Z-81) / IA79799F022000 / (3)	3	0	\$838	\$0

Installation / FFID	Total Number of Sites		Throug	ncurred th FY10 (00)
	IRP	MMRP	IRP	MMRP
Johnston Atoll				
ARMY				
JOHNSTON ISLAND / XX92145JQ43500	1	0	\$75	\$0
AIR FORCE				
JOHNSTON ATOLL / JQ957309850000 / (3)	9	0	\$42,943	\$0

Installation / FFID	Total Number of Sites		of Sites Through FY1		gh FY10
	IRP	MMRP	IRP	MMRP	
Kansas					
ARMY					
AFRC HUTCHINSON / KS721045CE1800	1	0	\$0	\$0	
AFRC TOPEKA (MENNINGER) / KS72104KS03300	3	0	\$0	\$0	
ATCHISON CAVES STORAGE FACILITY / KS72104KS09200	1	0	\$63	\$0	
DODGE CITY USARC / KS721042374200	1	0	\$0	\$0	
ECS 33 / KS721045CE5900	8	0	\$0	\$0	
EL DORADO USARC / KS721045CE0400	3	0	\$0	\$0	
EMPORIA USARC / KS721045CE0600	2	0	\$0	\$0	
FORT RILEY USARC / KS72104KS00700	1	0	\$0	\$0	
GARDEN CITY USARC / KS721045CE1000	1	0	\$0	\$0	
LANNY J WALLACE USARC/AMSA / KS721045CE5600	8	0	\$0	\$0	
LT WM M BENEFIELD JR USARC / KS721045CE4000	6	0	\$0	\$0	
MANHATTAN USARC / KS721045CE2600	1	0	\$0	\$0	
NEW CENTURY USARC/ASF # 37 / KS721045FE2100	11	0	\$0	\$0	
OSAGE CITY USARC / KS721045CE3400	6	0	\$0	\$0	
RALPH B PRAGER USARC / KS721045CE1200	1	0	\$0	\$0	
SALINA USARC / KS721045CE4400	5	0	\$0	\$0	
SAMUEL J CHURCHILL USARC / KS721045CE2400	3	0	\$0	\$0	
SST DAVID BRENNER USARC/AMSA / KS721045CE3800	8	0	\$0	\$0	
SUNFLOWER ARMY AMMUNITION PLANT / KS721382087800 / (1)	88	2	\$96,480	\$0	
SUNFLOWER WET SITE / KS721045CE4700	1	0	\$0	\$0	
TREMBLY WHITE USARC / KS721045CE2200	3	0	\$0	\$0	
USARC ARKANSAS CITY / KS721045CE0300	2	0	\$0	\$0	
USARC BAXTER SPRINGS / KS721045CE0100	3	0	\$0	\$0	
USARC FORT LEAVENWORTH / KS721045CE0700	2	0	\$0	\$0	
USARC FORT RILEY (1968) / KS721045CE0800	1	0	\$0	\$0	
USARC HAYS / KS721045CE1400	5	0	\$0	\$0	
USARC LENEXA / KS721045CE2300	2	0	\$0	\$0	

Installation / FFID		Total Number of Sites		ncurred th FY10 (00)
	IRP	MMRP	IRP	MMRP
Kansas				
USARC OSAWATOMIE / KS721045CE3600	2	0	\$0	\$0
USARC SCOTT CITY / KS721045CE4600	1	0	\$0	\$0
USARC TOPEKA (AMSA 39) / KS72104KS03400	8	0	\$0	\$0
USARC WELLINGTON / KS721045CE5400	3	0	\$0	\$0
WIGGINS - ROTLER USARC / KS721045CE2000	5	0	\$0	\$0
AIR FORCE				
FORBES FIELD (TOPEKA) / KS757282404300	11	0	\$56	\$0
FORMERLY USED DEFENSE SITES				
AF PLANT NO 13 / KS79799F033400	1	0	\$103	\$0
CHEMICAL SITE / KS79799F023300	0	1	\$0	\$921
COFFEYVILLE AUX FLD #1 / KS79799F025600	0	1	\$0	\$0
COFFEYVILLE AUX FLD #2 / KS79799F025700	0	1	\$0	\$0
COFFEYVILLE AUX FLD #4 / KS79799F025800	0	1	\$0	\$32
FORBES AFB ATLAS S-3 / KS79799F026600	2	0	\$687	\$0
FORBES AFB-AF FAC S-6 / KS79799F026800	1	0	\$1,183	\$0
GARDEN CITY AUX FLD #1 / KS79799F027400	0	1	\$0	\$0
GARDEN CITY AUX FLD #2 / KS79799F027500	1	1	\$32	\$0
GARDEN CITY AUX FLD #3 / KS79799F027600	0	1	\$0	\$0
GARLAND G F ANX P-72A / KS79799F027700	1	0	\$162	\$0
JAYHAWK ORD WORKS / KS79799F024200	1	1	\$4,045	\$0
KCDA NIKE 80-RADAR AREA / KS79799F981500	1	0	\$153	\$0
KCDA NIKE BATTERY 60 / KS79799F024400	4	0	\$1,134	\$0
OLATHE NAS UHF BEACON / KS79799F981600	1	0	\$29	\$0
PRATT AIR-GROUND GUNNERY RANGE / KS79799F029800	0	1	\$0	\$126
SCHILLING AFB-FAC S-1 / KS79799F030300	1	0	\$17	\$0
SMOKY HILL AIR-AIR GNRY RANGE / KS79799F031600	0	1	\$0	\$157

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	200011001				ncurred gh FY10 000)
	-	IRP	MMRP	IRP	MMRP
Kansas					
STROTHER AAF E AUX FLD #1 / KS79799F031900		0	1	\$0	\$0
STROTHER AAF N AUX FLD #2 / KS79799F032000		0	1	\$0	\$0
STROTHER AAF S AUX FLD #5 / KS79799F032200		0	1	\$0	\$0
STROTHER AAF W AUX FLD #3 / KS79799F032100		0	1	\$0	\$0
TOPEKA AIR FORCE STATION / KS79799F676900		1	0	\$136	\$0
WALKER AIR-GRND GNRY R / KS79799F032600		0	1	\$0	\$124

Installation / FFID	Total Number of Sites		Throug	ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Kentucky				
ARMY				
AFRC HOPKINSVILLE / KY42104KY03800	1	0	\$0	\$0
AFRC LEXINGTON / KY421042293600	7	0	\$0	\$0
BLUE GRASS ARMY DEPOT-LEXINGTON FACILITY / KY421382050900 / (1)	64	0	\$28,480	\$0
USARC BARDSTOWN / KY421042249300	10	0	\$0	\$0
USARC BEATTYVILLE / KY4210421Y9200	1	0	\$0	\$0
USARC BEREA / KY4210421Y9100	1	0	\$0	\$0
USARC BOWLING GREEN / KY42104KY00600	1	0	\$0	\$0
USARC FORT KNOX (ECS 63) / KY421042JYE100	9	0	\$0	\$0
USARC GEORGETOWN / KY4210421Y5400	1	0	\$0	\$0
USARC HARDINSBURG / KY4210421Y5700	1	0	\$0	\$0
USARC LEBANON / KY4210421Y6400	1	0	\$0	\$0
USARC LEXINGTON (BARROW) / KY421042157200	12	0	\$0	\$0
USARC LEXINGTON (BLUE GRASS) / KY421042JY6200	6	0	\$0	\$0
USARC LOUISVILLE / KY421042JY4000	1	0	\$0	\$0
USARC LOUISVILLE (BOWMAN HANGER 7) / KY421042JY7000	9	0	\$0	\$0
USARC LOUISVILLE (CENTURY) / KY4210421Y6300	2	0	\$0	\$0
USARC LOUISVILLE (MAJOR) / KY42104KY04800	7	0	\$0	\$0
USARC MADISONVILLE / KY421042255500	2	0	\$0	\$0
USARC MAYSVILLE / KY42104KY05400	3	0	\$0	\$0
USARC OWENSBORO / KY421042141400	2	0	\$0	\$0
USARC PADUCAH 01 / KY42104KY06200	1	0	\$0	\$0
USARC PADUCAH 02 / KY421042JY9900	1	0	\$0	\$0
USARC PIKEVILLE / KY421042JY8100	6	0	\$0	\$0
AIR FORCE	· · · · · ·			
STANDIFORD FIELD / KY457282590000	1	0	\$1,274	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		of Sites Th				of Sites Th		gh FY10
	IRP	MMRP	IRP	MMRP					
Kentucky									
FORMERLY USED DEFENSE SITES									
BOWMAN ARMY AIR FIELD / KY49799F349800	2	0	\$13	\$0					

LOUISIANA ARMY  LOUISIANA ARMY AMMUNITION PLANT / LA621382053300 / (1)  NEW ORLEANS MILITARY OCEAN TERMINAL / LA621352270300  PEASON RIDGE FORT POLK / LA621402272500  USARC ALEXANDRIA, LA / LA621045OL1800  USARC BATON ROUGE (NORTH) / LA621045HL1500  USARC BATON ROUGE (ROBERTS) / LA621045HL0200  USARC BATON ROUGE (SAURAGE) / LA621045VL2500  USARC BATON ROUGE 03 / LA621045SL2300  USARC BOGALUSA / LA621045HL0300  USARC BOGALUSA / LA621045HL0300  USARC FORT POLK (8610) / LA621045VL2400  USARC FORT POLK (8610) / LA621045VL2400  USARC FORT POLK (ECS 17) / LA621045HL1600	IRP	MMRP	IRP	
ARMY  LOUISIANA ARMY AMMUNITION PLANT / LA621382053300 / (1)  NEW ORLEANS MILITARY OCEAN TERMINAL / LA621352270300  PEASON RIDGE FORT POLK / LA621402272500  USARC ALEXANDRIA, LA / LA6210450L1800  USARC BATON ROUGE (NORTH) / LA621045HL1500  USARC BATON ROUGE (ROBERTS) / LA621045HL0200  USARC BATON ROUGE (SAURAGE) / LA621045VL2500  USARC BATON ROUGE 03 / LA621045SL2300  USARC BOGALUSA / LA621045HL0300  USARC BOGALUSA / LA621045HL0300  USARC BOSSIER CITY / LA621045OL2100  USARC FORT POLK (8610) / LA621045VL2400			IKF	MMRP
COUISIANA ARMY AMMUNITION PLANT / LA621382053300 / (1)  NEW ORLEANS MILITARY OCEAN TERMINAL / LA621352270300  PEASON RIDGE FORT POLK / LA621402272500  USARC ALEXANDRIA, LA / LA6210450L1800  USARC BATON ROUGE (NORTH) / LA621045HL1500  USARC BATON ROUGE (ROBERTS) / LA621045HL0200  USARC BATON ROUGE (SAURAGE) / LA621045VL2500  USARC BATON ROUGE 03 / LA621045SL2300  USARC BOGALUSA / LA621045HL0300  USARC BOSSIER CITY / LA621045OL2100  USARC FORT POLK (8610) / LA621045VL2400				
NEW ORLEANS MILITARY OCEAN TERMINAL / LA621352270300  PEASON RIDGE FORT POLK / LA621402272500  USARC ALEXANDRIA, LA / LA621045DL1800  USARC BATON ROUGE (NORTH) / LA621045HL1500  USARC BATON ROUGE (ROBERTS) / LA621045HL0200  USARC BATON ROUGE (SAURAGE) / LA621045VL2500  USARC BATON ROUGE 03 / LA621045SL2300  USARC BOGALUSA / LA621045HL0300  USARC BOSSIER CITY / LA621045OL2100  USARC FORT POLK (8610) / LA621045VL2400				
PEASON RIDGE FORT POLK / LA621402272500  JSARC ALEXANDRIA, LA / LA6210450L1800  JSARC BATON ROUGE (NORTH) / LA621045HL1500  JSARC BATON ROUGE (ROBERTS) / LA621045HL0200  JSARC BATON ROUGE (SAURAGE) / LA621045VL2500  JSARC BATON ROUGE 03 / LA621045SL2300  JSARC BOGALUSA / LA621045HL0300  JSARC BOSSIER CITY / LA621045OL2100  JSARC FORT POLK (8610) / LA621045VL2400	10	3	\$59,670	\$1,066
USARC ALEXANDRIA, LA / LA6210450L1800  USARC BATON ROUGE (NORTH) / LA621045HL1500  USARC BATON ROUGE (ROBERTS) / LA621045HL0200  USARC BATON ROUGE (SAURAGE) / LA621045VL2500  USARC BATON ROUGE 03 / LA621045SL2300  USARC BOGALUSA / LA621045HL0300  USARC BOSSIER CITY / LA621045OL2100  USARC FORT POLK (8610) / LA621045VL2400	10	0	\$651	\$0
USARC BATON ROUGE (NORTH) / LA621045HL1500  USARC BATON ROUGE (ROBERTS) / LA621045HL0200  USARC BATON ROUGE (SAURAGE) / LA621045VL2500  USARC BATON ROUGE 03 / LA621045SL2300  USARC BOGALUSA / LA621045HL0300  USARC BOSSIER CITY / LA621045OL2100  USARC FORT POLK (8610) / LA621045VL2400	4	0	\$0	\$0
USARC BATON ROUGE (ROBERTS) / LA621045HL0200  USARC BATON ROUGE (SAURAGE) / LA621045VL2500  USARC BATON ROUGE 03 / LA621045SL2300  USARC BOGALUSA / LA621045HL0300  USARC BOSSIER CITY / LA621045OL2100  USARC FORT POLK (8610) / LA621045VL2400	2	0	\$0	\$0
USARC BATON ROUGE (SAURAGE) / LA621045VL2500  USARC BATON ROUGE 03 / LA621045SL2300  USARC BOGALUSA / LA621045HL0300  USARC BOSSIER CITY / LA621045OL2100  USARC FORT POLK (8610) / LA621045VL2400	1	0	\$0	\$0
JSARC BATON ROUGE 03 / LA621045SL2300  JSARC BOGALUSA / LA621045HL0300  JSARC BOSSIER CITY / LA621045OL2100  JSARC FORT POLK (8610) / LA621045VL2400	4	0	\$0	\$0
USARC BOGALUSA / LA621045HL0300  USARC BOSSIER CITY / LA621045OL2100  USARC FORT POLK (8610) / LA621045VL2400	6	0	\$0	\$0
JSARC BOSSIER CITY / LA621045OL2100  JSARC FORT POLK (8610) / LA621045VL2400	1	0	\$0	\$0
USARC FORT POLK (8610) / LA621045VL2400	8	0	\$0	\$0
	5	0	\$0	\$0
JSARC FORT POLK (ECS 17) / LA621045HL1600	6	0	\$0	\$0
	6	0	\$0	\$0
JSARC HAMMOND / LA621045HL0400	4	0	\$0	\$0
USARC HOUMA / LA621042256400	4	0	\$0	\$0
USARC LAFAYETTE / LA621042250300	4	0	\$0	\$0
USARC LAKE CHARLES / LA621045HL0500	2	0	\$0	\$0
USARC MONROE / LA621045OL2000	1	0	\$0	\$0
USARC NEW ORLEANS (DIAMOND) / LA621045SL2200	3	0	\$0	\$0
USARC NEW ORLEANS (FLEMING) / LA621045HL0600	7	0	\$0	\$0
USARC SHREVEPORT 02 / LA621045HL1100	2	0	\$0	\$0
USARC SLIDELL / LA621045HL1200	3	0	\$0	\$0
NAVY				
NEW ORLEANS NSA / LA617002260400	5	0	\$283	\$0
FORMERLY USED DEFENSE SITES				
AIRBASE-POLLOCK / LA69799F014000				
ALEXANDRIA AAF GUNNERY RANGE / LA69799F017300	0	1	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites  IRP MMRP		Costs Incurred Through FY10 (\$000)	
Louisiana				
BARKSDALE AFB - NIKE BD 50 / LA69799F014800	3	0	\$214	\$0
BARKSDALE AFB - NIKE BD-10 / LA69799F014900	3	0	\$118	\$0
CAMP PLAUCHE / LA69799F016200	0	1	\$0	\$0
CHENNAULT AFB / LA69799F014500	4	0	\$4,058	\$0
ESLER FIELD / LA69799F019200	1	0	\$193	\$0
FT MC COMB / LA69799F710600	0	1	\$0	\$0
NAVAL AIR STA (LTA) HOUMA / LA69799F016300	1	1	\$525	\$0
NAVAL AIR STATION N.I. / LA69799F014400	1	0	\$637	\$0
NAVAL AIR STATION, N.O. / LA69799F014300	2	1	\$219	\$0
POW CAMP / LA69799F014100	1	0	\$0	\$0

Installation / FFID	Total N	lumber Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Maine				
ARMY				
AUBURN TRAINING SITE / ME121182301000	1	0	\$10	\$0
USARC AUBURN / ME1210414H0400	14	0	\$0	\$0
USARC BANGOR / ME1210414H1500	3	0	\$0	\$0
USARC BRIDGTON / ME1210414H2000	6	0	\$0	\$0
USARC DEXTER / ME1210414H2800	7	0	\$247	\$0
USARC SACO / ME1210414H5500	3	0	\$0	\$0
AIR FORCE				
COLUMBIA FALLS AFS / ME357212207400	0	1	\$0	\$579
FORMERLY USED DEFENSE SITES				
AMMO INDUSTRIAL PARK / ME19799F199500	1	0	\$87	\$0
BAILEYS ISL / ME19799F200300	0	1	\$0	\$0
BAR HARBOR NAV AIR FAC / ME19799F871800	0	1	\$0	\$0
CAP ELI FIRE CON STA / ME19799F201000	2	0	\$109	\$0
CASCO BAY TOR BO DEF / ME19799F201300	0	1	\$0	\$0
CHARLESTON AFS / ME19799F201500	1	0	\$315	\$0
FORMER FUEL DEPOT / ME19799F206100	3	0	\$2,218	\$0
FORT FOSTER / ME19799F201900	2	0	\$84	\$0
FORT GEORGE / ME19799F872500	0	1	\$0	\$0
FORT LYON / ME19799F810500	1	1	\$106	\$0
FORT MADISON / ME19799F872700	0	1	\$0	\$0
FORT MCCLARY / ME19799F207600	1	0	\$0	\$0
FORT POPHAM / ME19799F799300	0	1	\$0	\$0
FORT PREBLE / ME19799F202100	2	1	\$75	\$0
FORT SCAMMELL / ME19799F731100	0	1	\$0	\$0
FORT SULLIVAN / ME19799F867900	0	1	\$0	\$166
GERRISH ISL FI CON STA / ME19799F202300	1	0	\$37	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites				Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP		
Maine						
JAMESON POINT BATTERY / ME19799F880900	0	1	\$0	\$0		
JEWELL-S ISL / ME19799F202600	1	1	\$137	\$0		
L.C-BEAGUE ISL REC / ME19799F730800	1	0	\$122	\$0		
LITTLE RIVER BATTERY / ME19799F872200	0	1	\$0	\$0		
LOR AFB ILS OUT MK AX3 / ME19799F203100	1	0	\$36	\$0		
MERRIAM PT FC STA / ME19799F203700	3	1	\$38	\$0		
NCTC QUODDY VILLAGE / ME19799F732500	1	1	\$130	\$0		
NIKE LO-85 / ME19799F199200	1	0	\$186	\$0		
PEAKS ISL MIL RESV / ME19799F207800	2	1	\$233	\$0		
PEAKS ISL WHARF / ME19799F204300	1	0	\$97	\$0		
SEDGWICK GAP FIL AX / ME19799F205000	1	0	\$53	\$0		
THOMPSONS PT ORD PLT / ME19799F199900	2	0	\$459	\$0		
TOPSFLD GAP FIL AX / ME19799F205300	1	0	\$37	\$0		
TREATS ISLAND BATTERY / ME19799F872000	0	1	\$0	\$0		

Installation / FFID	1000111001		of Sit		Throug	ncurred gh FY10 000)
	IRP MMRP		IRP	MMRP		
Marshall Islands						
ARMY						
US ARMY KWAJALEIN ATOLL / CQ92136NQ49700	0	1	\$0	\$0		

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Maryland				
ARMY				
FAMILY HOUSING NIKE WASH BALT 35 CROOM / MD321022443500	3	0	\$0	\$0
FORT HOLABIRD / MD321022041900	6	0	\$542	\$0
FORT RITCHIE / MD321022075800 / (3)	2	5	\$2,447	\$7,566
HARRY DIAMOND LABORATORY GAITHERSBURG / MD321022273900	19	0	\$461	\$0
OLNEY MILITARY RESERVATION / MD321182417500	6	0	\$0	\$0
US ARMY RESEARCH LABORATORY ADELPHI / MD321382276200	41	0	\$1,248	\$0
USARC ANNAPOLIS / MD321042144500	4	0	\$0	\$0
USARC BALTIMORE (JECELIN) / MD321042281700	4	0	\$0	\$0
USARC BALTIMORE (SHERIDAN) / MD321042006100	3	0	\$0	\$0
USARC BALTIMORE (TURNER) / MD321042006200	3	0	\$0	\$0
USARC CAMP SPRINGS / MD32104MD01600	6	0	\$0	\$0
USARC CUMBERLAND / MD321042231700	8	0	\$0	\$0
USARC CURTIS BAY (AMSA 83) / MD32104MD02400	8	0	\$0	\$0
USARC CURTIS BAY (BRANDT) / MD321042257700	3	0	\$0	\$0
USARC FREDERICK (FLAIR) / MD32104MD01200	8	0	\$0	\$0
USARC GAITHERSBURG / MD321042273900	2	0	\$0	\$0
USARC GREENSPRING / MD321042137900	10	0	\$0	\$0
USARC HAGERSTOWN (ASF 111) / MD3210415GA200	5	0	\$0	\$0
USARC HAGERSTOWN (TAGG-ZIRKLE) / MD321042172500	6	0	\$0	\$0
USARC RIVERDALE / MD321042207100	3	0	\$0	\$0
USARC ROCKVILLE / MD321042182700	2	0	\$0	\$0
USARC WESTMINSTER / MD321042231000	7	0	\$0	\$0
NAVY				
ANNAPOLIS NSWC DET BAY HEAD ANNEX / MD317002752000 / (1) / (3)	3	0	\$282	\$0
BAINBRIDGE NTC / MD317002256200 / (2)	5	0	\$24,639	\$0
CARDEROCK NSWC / MD317002468600	9	5	\$10,733	\$0
SOLOMONS ANNEX NAVRECCEN / MD317002753100	1	5	\$325	\$3,161

Installation / FFID	Total N	lumber Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Maryland				
FORMERLY USED DEFENSE SITES				
AAA SITE CEN BUREAU / MD39799F139400	0	1	\$0	\$0
BALTIMORE AAF, LOGAN CANTONMENT AREA / MD39799F926100	0	1	\$0	\$0
CAMP SOMERSET / MD39799F141100	1	0	\$76	\$0
EAST COAST RADIO RECEIVING STA / MD39799F141500	2	0	\$246	\$0
FORT ARMISTEAD / HAWKINS POINT FACILITIES / MD39799F140500	0	1	\$0	\$29
FORT CARROLL / MD39799F807200	0	1	\$0	\$0
FORT DETRICK #2 / MD39799F139100	1	0	\$35	\$0
FORT FOOTE / MD39799F847900	0	2	\$0	\$821
FORT HOLABIRD / MD39799F139200	1	0	\$27	\$0
HERMANVILLE GAP FILLER ANNEX / MD39799F142200	1	0	\$122	\$0
JOHNS HOPKINS UNIVERSITY LABORATORY / MD39799F812800	0	1	\$0	\$9
NATIONAL DEFENSE STORAGE DEPOT (CURTIS BAY) / MD39799F137300	2	1	\$79	\$232
NIKE BA-09 (FORK) / MD39799F137400	3	0	\$479	\$0
NIKE BA-30/31 (TOLCHESTER) / MD39799F137700	4	0	\$2,713	\$0
NIKE BA-43 (FORT SMALLWOOD) / MD39799F138000	2	0	\$474	\$0
NIKE BA-79 / W-05 (GRANITE) / MD39799F138400	2	0	\$1,086	\$0
NIKE BA-92 (TOWSON) / MD39799F138600	2	0	\$347	\$0
NIKE W-25 (DAVIDSONVILLE) / MD39799F137500	1	0	\$410	\$0
NIKE W-36 (CROOM) / MD39799F137800	3	0	\$588	\$0
NIKE W-54 (POMONKEY) / MD39799F138300	1	0	\$127	\$0
NIKE W-92 (ROCKVILLE LAUNCH AREA) / MD39799F138500	2	0	\$121	\$0
NIKE W-93 (LAYTONSVILLE CONTROL AREA) / MD39799F820500	1	0	\$340	\$0
SHIP REPAIR DEPOT (CURTIS BAY) / MD39799F144100	1	0	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Massachusetts				
ARMY				
AFRC CHICOPEE / MA1210414F2600	8	0	\$0	\$0
ARMY AVIATION SUPT FAC, CHICOPEE / MA121182507500	1	0	\$0	\$0
ARMY RESEARCH LABORATORY-WATERTOWN / MA121382093900 / (1) / (2)	18	0	\$100,922	\$0
BOSTON USARC / MA12104MA00400	4	0	\$149	\$0
DANVERS USARC / MA121042157800	16	0	\$997	\$0
FAMILY HOUSING BEDFORD 85 / MA121402548600	2	0	\$0	\$0
FAMILY HOUSING BEVERLY 15 / MA121402541600	2	0	\$0	\$0
FAMILY HOUSING BURLINGTON NIKE 84 / MA121402518000	2	0	\$0	\$0
FAMILY HOUSING HULL, MA 36 / MA121402028500	3	0	\$0	\$0
FAMILY HOUSING NAHANT, MA 17 / MA121402257300	2	0	\$0	\$0
FAMILY HOUSING RANDOLPH 55 / MA121402545600	2	0	\$0	\$0
FAMILY HOUSING SWANSEA 29 / MA121402553000	3	0	\$0	\$0
FAMILY HOUSING TOPSFIELD 5 / MA121402590700	4	0	\$0	\$0
FAMILY HOUSING WAKEFIELD 3 / MA121402540400	1	0	\$0	\$0
HINGHAM ANNEX / MA121402280500	20	0	\$3,463	\$0
MTA CAMP EDWARDS / MA121182517500	0	7	\$0	\$295
NATIONAL GUARD FACILITY, REHOBOTH / MA121182525500	4	0	\$467	\$0
SUDBURY TRAINING ANNEX / MA121402300900 / (1) / (3)	72	0	\$14,129	\$0
USARC ATTLEBORO / MA1210414F0600	9	0	\$0	\$0
USARC BROCKTON (AMSA 66) / MA1210414F2000	13	0	\$304	\$0
USARC PITTSFIELD / MA1210414F6200	7	0	\$0	\$0
USARC ROSLINDALE / MA1210414F6800	7	0	\$246	\$0
USARC TAUNTON / MA1210414F7300	9	0	\$0	\$0
USARC WORCESTER / MA1210414F7700	9	0	\$0	\$0
WAYLAND ARNG ARMORY / MA121182529500	8	0	\$30	\$0
NAVY				
QUINCY NRC / MA117002207200	1	0	\$212	\$0

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Massachusetts					
AIR FORCE					
NORTH TRURO AIR FORCE STATION / MA157212449300	1	0	\$212	\$0	
WORCESTER AIR NATIONAL GUARD STATION / MA157282592200	1	0	\$300	\$0	
FORMERLY USED DEFENSE SITES					
AA BAT / MA19799F826400	0	1	\$0	\$0	
AA BATTERY / MA19799F805500	0	1	\$0	\$0	
AA BATTERY-BRIGHTON / MA19799F805600	0	1	\$0	\$0	
AFPLT #29 / MA19799F179800	1	0	\$13	\$0	
AIR FORCE PLANT #28 / MA19799F196800	1	0	\$492	\$0	
ANTI-AIRCRAFT BATTERY / MA19799F867700	0	1	\$0	\$0	
BOSTON NAVAL ANNEX / MA19799F194500	2	0	\$197	\$0	
BUTLERS POINT BATTERY / MA19799F809000	0	1	\$0	\$0	
CHAPMAN VALVE EXP / MA19799F196500	1	0	\$39	\$0	
CP CANDOIT / MA19799F199000	2	0	\$285	\$0	
CP WELLFLEET / MA19799F178100 / (3)	2	1	\$104	\$2,728	
CUTTYHUNK ISL FC STA / MA19799F182600	1	0	\$204	\$0	
EAST POINT FC STA / MA19799F182900	1	0	\$175	\$0	
FORMER NIRS HINGHAM / MA19799F195000	1	0	\$27	\$0	
FORT ANDREW / MA19799F810300	0	1	\$0	\$0	
FORT ANDREWS / MA19799F197000	1	0	\$61	\$0	
FORT AT EASTERN POINT / MA19799F905600	0	1	\$0	\$0	
FORT HEATH / MA19799F184300	1	0	\$143	\$0	
FORT REVERE / MA19799F184600	1	1	\$30	\$187	
FORT SEWELL / MA19799F871600	0	1	\$0	\$0	
FORT STRONG / MA19799F185000	2	1	\$137	\$0	
FORT WARREN / MA19799F185100	2	0	\$172	\$0	
FT RALPH-NAUSHAN ISL / MA19799F906200	0	1	\$0	\$0	
GR BREWSTER ISL MIL RE / MA19799F197200	1	1	\$13	\$0	

(1) Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Throug	ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Massachusetts				
HADLEY NIRP / MA19799F186000	1	0	\$33	\$0
HOLLY HILL RADAR / MA19799F710500	1	0	\$30	\$0
IPSWICH DATA COL LABAX / MA19799F186700	2	0	\$44	\$0
LAKESIDE CAMP / MA19799F906000	0	1	\$0	\$0
LONG POINT BATTERY / MA19799F874500	0	1	\$0	\$0
MARTHA V/YARD AWS STA6 / MA19799F187000	2	1	\$30	\$0
MINE TEST FACILITY / MA19799F919600	0	1	\$0	\$0
MISH PT ELE ROCK AX / MA19799F193000	1	1	\$31	\$0
NANTUCKET NAVFAC / MA19799F187900	2	1	\$52	\$64
NANTUCKET RAD ANX / MA19799F188000	1	0	\$14	\$0
NAS CHATHAM / MA19799F196000	0	1	\$0	\$0
NAS SQUANTUM / MA19799F196100	0	1	\$0	\$145
NAT PLA / MA19799F984600	0	1	\$0	\$0
NAVAL TORPEDO STA / MA19799F809200	0	1	\$0	\$0
NAVY FUEL ANX&PIPELINE / MA19799F194900	3	0	\$8,240	\$0
NEW AAB / MA19799F851000	0	1	\$0	\$0
NEW SALEM GFA Z50E / MA19799F188600	1	0	\$32	\$0
NIKE HEADQUARTERS, MA / MA19799F178000	2	0	\$260	\$0
NIKE 03 / MA19799F178400	2	0	\$294	\$0
NIKE 29 / MA19799F179500	1	0	\$230	\$0
NIKE 63 / MA19799F179100	1	0	\$288	\$0
NIKE BAT BO-55 / MA19799F178200	1	0	\$20	\$0
NIKE BAT BO-73 / MA19799F179200	2	0	\$214	\$0
NIKE BO-05 / MA19799F178500	2	0	\$1,331	\$0
NIKE BO-15 / MA19799F178600	3	0	\$212	\$0
NIKE BO-37 / MA19799F178900	2	0	\$289	\$0
NIKE BO-84 / MA19799F179300	2	0	\$612	\$0

Installation / FFID	Total N of	lumber Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Massachusetts				
NIKE PR-19 / MA19799F177500	2	0	\$334	\$0
NUT ISLAND / MA19799F874600	0	1	\$0	\$0
OUTER BREWSTER ISL MIL / MA19799F197300	1	1	\$13	\$0
PILGRIM ORDNANCE WORKS / MA19799F691800	0	1	\$0	\$0
POINT ALLERTON MIL RES / MA19799F189200	1	0	\$43	\$0
PT ALLERTON SUR DET / MA19799F189500	1	0	\$27	\$0
SALISBURY BEACH / MA19799F811100	0	1	\$0	\$0
SCITUATE PROVE GROUND / MA19799F809600	0	1	\$0	\$0
SPRINGFLD ARMORY-RAIL / MA19799F758900	1	1	\$42	\$0
SPRINGFLD ARMORY-RAIL / MA19799F177600	1	1	\$13	\$0
SPRINGFLD ARMORY-WATER / MA19799F758700	0	1	\$0	\$0
SQUANTUM ELE RES AX / MA19799F193500	1	0	\$31	\$0
STANDISH-GURNET PT / MA19799F828900	0	1	\$0	\$0
STRAWBERRY PT FC STA / MA19799F190700	1	0	\$25	\$0
WALTHAM-RAYTHEON MFG / MA19799F196400	1	0	\$248	\$0
WASHBURN ISL / MA19799F023400	1	0	\$28	\$0
WESTBROUGH COMMO SITE / MA19799F191500	2	0	\$12	\$0
WESTOVER LIGHT AX #2 / MA19799F191900	1	0	\$0	\$0
WESTOVER LIGHT AX #3 / MA19799F192000	1	0	\$0	\$0
WESTOVER REMOTE SITE / MA19799F198500	1	0	\$35	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Michigan				
ARMY				
1LT ROBERT L POXON USARC / MI521042266200	4	0	\$0	\$0
2LT WALTER HAUPT USARC / MI521044Q22000	10	0	\$0	\$0
AMSA #136 (G) / MI521044JG4300	8	0	\$0	\$0
BG WILLIAM H. BIRBARI USARC / MI521044L21200	4	0	\$0	\$0
DEMUS T. CRAW USARC/BMA136 / MI521044Q22300	5	0	\$0	\$0
DETROIT ARSENAL / MI521382026800 / (1) / (3)	27	0	\$9,764	\$0
DONALD C. SCHORLING USARC / MI521044J20600	2	0	\$0	\$0
FORT CUSTER TRAINING CENTER / MI521182603500	2	0	\$0	\$0
GEORGE B. DOLLIVER USARC/AMSA / MI521044JG1500	10	0	\$0	\$0
KALAMAZOO MEMORIAL USARC / MI521044J21600	4	0	\$0	\$0
KEWEENAW FIELD STATION / MI521382258300	5	0	\$11	\$0
MG GUY M. WILSON USARC / MI521044L21100	3	0	\$0	\$0
PONTIAC STORAGE ACTIVITY / MI521002142000	10	0	\$0	\$0
RAYMOND ZUSSMAN USARC / MI521044T21400	3	0	\$0	\$0
US ARMY GARRISON - MICHIGAN / MI521382683200	5	8	\$17	\$88
USARC BAD AXE / MI521044J22500	5	0	\$0	\$0
USARC BAY CITY / MI521042207300	7	0	\$0	\$0
USARC DETROIT / MI521044J21000	4	0	\$0	\$0
USARC GRAND RAPIDS / MI521042037400	8	0	\$0	\$0
USARC JACKSON / MI521042193700	9	0	\$0	\$0
USARC LANSING (AMSA 40, SUB 1) / MI521044JG1600	4	0	\$0	\$0
USARC LIVONIA (AMSA 40) / MI521044JG4000	8	0	\$0	\$0
AIR FORCE				
WK KELLOGG REGIONAL AIRPORT / MI557282612100	10	0	\$4,878	\$0
FORMERLY USED DEFENSE SITES				
AAA SITE 76 / MI59799F232900	1	0	\$208	\$0

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Michigan					
ALPENA AAF / MI59799F231100	1	0	\$23	\$0	
ALPENA NGTR / MI59799F228900	0	1	\$0	\$6	
ANN ARBOR NGTR / MI59799F228800	0	1	\$0	\$2	
AUTRAIN PRISONER-OF-WAR CAMPS / MI59799F683200	1	0	\$126	\$0	
BIG BAY AAA FIRING RANGE / MI59799F729400	0	1	\$0	\$5	
BIG RAPIDS NATL G RG / MI59799F228000	0	1	\$0	\$1	
BURNSIDE GAP FLR ANX / MI59799F229400	1	0	\$131	\$0	
CAMP RIVER ROUGE PK / MI59799F225500	1	1	\$140	\$5	
CAMP WATERLOO CORRECTIONAL FACILITY / MI59799F225400	0	1	\$0	\$3	
CHEMICAL WARFARE DEVELOPMENT DIVISION / MI59799FA20900	0	1	\$0	\$103	
DELTA PROPERTIES / MI59799F236300	1	0	\$100	\$0	
EAST JORDAN NGTR / MI59799F228700	0	1	\$0	\$16	
EMERY GAP FILLER / MI59799F761100	1	0	\$69	\$0	
EVELYN POW CAMP / MI59799F683500	1	0	\$170	\$0	
FLINT NGTR / MI59799F228100	0	1	\$0	\$4	
FORT CUSTER VA AREA / MI59799F225200	1	1	\$274	\$107	
FORT WAYNE / MI59799F231900	3	0	\$1,131	\$0	
GRAND MARAIS AFS M-109 / MI59799F232600	2	0	\$234	\$0	
GRAND MARAIS GAP FILLER ANNEX / MI59799F229100	2	0	\$117	\$0	
JACKSON NGTR / MI59799F228300	0	1	\$0	\$2	
KALAMAZOO NG TRGT RG / MI59799F228600	0	1	\$0	\$2	
KELLOGG REGIONAL AF / MI59799F231600	1	0	\$66	\$0	
NIKE D-06 - UTICA / MI59799F227300	3	0	\$736	\$0	
NIKE D-87/PROUD LAKE/COMMERCE / MI59799F227100	2	0	\$691	\$0	
NIKE D-97 - OAKLAND COMMUNITY COLLEGE / MI59799F227200	2	0	\$496	\$0	
OWOSSO NGTR / MI59799F228400	0	1	\$0	\$2	
PAINESDALE GAP FILLER / MI59799F229800	1	0	\$49	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Michigan				
PETOSKEY GAP FILLER / MI59799F229600	1	0	\$42	\$0
RACO AAF-HIAWATHA NF / MI59799F226100	2	0	\$2,951	\$0
RIVER ROUGE PARK / MI59799F227800	2	0	\$256	\$0
ROMULUS AAF / MI59799F226300	2	1	\$320	\$21
S.S. MARIE AREA B (MINNEAPOLIS WOODS) / MI59799F850600	1	0	\$105	\$0
SAGINAW NGTR / MI59799F228500	0	1	\$0	\$2
SAUGATUCK GAP FIL AX Z34G / MI59799F229300	2	0	\$305	\$0
SAULT STE MARIE GATR / MI59799F236600	1	0	\$120	\$0
SHELBY GAP FILLER ANNEX / MI59799F229900	1	0	\$82	\$0
SLEEPING BEAR DUNES / MI59799F224700	2	0	\$204	\$0
TRI-CITY AAF / MI59799F231500	0	1	\$0	\$8
USARC & NIKE D-17L / MI59799F234000	1	0	\$958	\$0
WAYNE STATE UNIV / MI59799F227000	1	0	\$63	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
		MMRP	IRP	MMRP
Midway Islands				
NAVY				
MIDWAY NAF / MQ917002758400 / (1) / (3)	39	0	\$22,143	\$0

Installation / FFID	Total N	lumber Sites	Throug	ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Minnesota				
ARMY				
AMSA #101 (G) / MN5210447G2300	10	0	\$0	\$0
CAMBRIDGE MEMORIAL USARC / MN521044723900	5	0	\$0	\$0
GEN BEEBE USARC/AMSA #111 (G) / MN521044724200	8	0	\$0	\$0
HENRY H. SIBLEY MEM USARC/OMS / MN521044726800	8	0	\$0	\$0
MANKATO MEMORIAL USARC / MN521044725600	11	0	\$0	\$0
MSG ARMIN C. LIEDER USARC / MN521044Q23800	6	0	\$0	\$0
PAYNESVILLE USARC / MN521044725900	4	0	\$0	\$0
TERRANCE A. PETERSON USARC / MN521044723700	3	0	\$0	\$0
USARC CANNON FALLS / MN521044724000	2	0	\$0	\$0
USARC DULUTH / MN521042245100	5	0	\$0	\$0
USARC FERGUS FALLS / MN521042291900	6	0	\$0	\$0
USARC LE SUEUR / MN521042234100	2	0	\$0	\$0
USARC MARSHALL / MN521044725700	4	0	\$0	\$0
USARC NEW PRAGUE / MN521004725800	1	0	\$0	\$0
USARC SO INTERNATIONAL FALLS / MN521044725300	9	0	\$0	\$0
USARC WALKER / MN521044726500	4	0	\$0	\$0
USARC WINONA / MN521044726700	4	0	\$0	\$0
WABASHA MEMORIAL USARC / MN521044726400	10	0	\$0	\$0
WILLMAR MEMORIAL USARC / MN521044726600	8	0	\$0	\$0
NAVY				
ST PAUL NIROP / MN517002448500	2	0	\$0	\$0
AIR FORCE				
DULUTH MUNICIPAL AIRPORT / MN557212428400	12	0	\$6,302	\$0
MINNEAPOLIS-ST. PAUL AIR RESERVE BASE / MN557122427500 / (1) / (3)	15	1	\$4,293	\$40
FORMERLY USED DEFENSE SITES				
ASKOV GAP FILLER ANX / MN59799F237900	1	0	\$13	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Minnesota				
AURORA GAP FILLER ANNEX / MN59799F238000	1	0	\$0	\$0
BAUDETTE AFS RADAR SITE / MN59799F238500	2	0	\$496	\$0
FINLAND AFS Z-69 / MN59799F240100 / (3)	4	0	\$6,795	\$0
FT. SNELLING-NAT. CEM & AIR FORCE STATION / MN59799F237200	2	0	\$573	\$0
GRAND RAPIDS AFS / MN59799F237300	1	0	\$143	\$0
N/FIELD GAP FIL AX Z-35B / MN59799F241100	1	0	\$33	\$0
NIKE MSP-90/MN. SHERIFFS BOY'S RANCH / MN59799F240700	2	0	\$673	\$0
NIKE SITE BATTERY MSP-40 / MN59799F238100	4	0	\$182	\$0
OLIVIA POW CAMP / MN59799F911800	1	0	\$34	\$0
SECOR STA WORTHINGTON / MN59799F239300	1	0	\$17	\$0
USAF DULUTH MISSILE/USARC MAINT. SITE / MN59799F241700	2	0	\$190	\$0
WADENA AFB / MN59799F237000	2	0	\$123	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Mississippi				
ARMY			ı	
AFRC JACKSON / MS4210429I3000	6	0	\$0	\$0
CLARKSDALE USARC / MS42104MS01200	8	0	\$0	\$0
CTA CAMP MC CAIN / MS421182818500	11	3	\$135	\$163
GULFPORT AVCRAD / MS421182819000	1	0	\$0	\$0
USARC BROOKHAVEN / MS4210429I0500	3	0	\$0	\$0
USARC GREENVILLE, MS / MS4210429I1600	2	0	\$0	\$0
USARC GREENWOOD (AMSA 144) / MS4210429I2000	13	0	\$0	\$0
USARC GULFPORT (HICKEY) / MS421042912300	4	0	\$0	\$0
USARC HATTIESBURG / MS4210429I2600	3	0	\$0	\$0
USARC JACKSON (SCOTT) / MS421042198300	11	0	\$0	\$0
USARC JACKSON (TERRY ROAD) / MS4210429I2500	1	0	\$0	\$0
USARC LAUREL / MS4210429I3700	9	0	\$0	\$0
USARC MERIDIAN / MS4210429I4200	4	0	\$0	\$0
USARC NATCHEZ / MS4210429I4600	3	0	\$0	\$0
USARC PASCAGOULA 02 / MS421042298600	3	0	\$0	\$0
USARC STARKVILLE / MS4210429I5800	2	0	\$0	\$0
USARC TUPELO / MS4210429I6400	6	0	\$0	\$0
USARC VICKSBURG 01 / MS421042MI7000	2	0	\$0	\$0
USARC VICKSBURG 03 / MS4210429IA100	9	0	\$0	\$0
USARC VICKSBURG 04 / MS4210429I7100	2	0	\$0	\$0
AIR FORCE				
JACKSON IAP (ALLEN C THOMPSON) / MS457282647800	5	0	\$1,749	\$0
FORMERLY USED DEFENSE SITES				
CAMP HILL / MS49799F008900	0	1	\$0	\$178
CAMP MCCAIN MANEUVER AREA / MS49799F003000	0	2	\$0	\$2
CAMP SHELBY RAILHEAD FACILITY / MS49799F000400	1	0	\$0	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Mississippi				
CAMP/FT MCCAIN / MS49799F000300	0	1	\$0	\$1,137
CLINTON POW CAMP / MS49799F000900	2	0	\$565	\$0
FLETCHER AIR FIELD / MS49799F002000	1	0	\$163	\$0
GREENVILLE MUNIC AIRPORT / MS49799F000700	1	0	\$56	\$0
GULFPORT AAF POORMAN FLEX / MS49799F003900	0	1	\$0	\$152
GULFPORT AIR NG GAS BARGE / MS49799F004000	1	0	\$697	\$0
HANCOCK CO. BOMBING & GUNNERY RANGE / MS49799F003300	0	2	\$0	\$736
HAWKINS AIRFIELD / MS49799F001200	3	0	\$1,136	\$0
HINDS CNTY MUNIC AIRPORT / MS49799F009500	1	0	\$72	\$0
HORN ISLAND CWS SITE / MS49799F004800	0	1	\$0	\$30
JACKSON FAIRGROUNDS (CWM) / MS49799F939000	0	1	\$0	\$82
KEESLER DIR FINDER AX / MS49799F010400	1	0	\$128	\$0
KEY FIELD RIFLE RANGE / MS49799F805100	0	1	\$0	\$68
KEY MILITARY AFB / MS49799F000200	1	0	\$59	\$0
VICKSBURG RIFLE RANGE / MS49799F813700	0	1	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Missouri				
ARMY				
1LT R W HEISINGER USARC / MO721045FM0500	8	0	\$0	\$0
CPL FORREST E PEDEN USARC / MO721045FM1200	8	0	\$0	\$0
CPL JESSE N FUNK USARC / MO721045FM0100	1	0	\$0	\$0
ECS 66 / MO721045FM2000	10	0	\$0	\$0
FAMILY HOUSING ST LOUIS AREA SUPPORT CENTER ANNEX / MO721382977700	4	0	\$0	\$0
FARMINGTON USARC / MO721045NM2600	1	0	\$0	\$0
FORT LEONARD WOOD USARC / MO721045FM1600	1	0	\$0	\$0
GATEWAY AAP / MO721002081300	10	0	\$0	\$0
HANNIBAL USARC / MO721045FM2400	1	0	\$0	\$0
JOPLIN USARC / MO721045FM0600	2	0	\$0	\$0
KIRKSVILLE LTA / MO721045FM2700	1	0	\$0	\$0
MEL CARNAHAN MEMORIAL AFRC / MO721045FM0900	7	0	\$0	\$0
MG LE JONES USARC / MO721045FM0300	4	0	\$0	\$0
MG LIEF J SVERDRUP USARC/AMSA / MO721045FM1700	2	0	\$0	\$0
MTA CAMP CLARK NEVADA / MO721182950500	0	5	\$0	\$171
NIKE KANSAS CITY 30 / MO721372233100	20	0	\$1,952	\$0
SGT CHARLES R LONG USARC / MO721045FM0700	3	0	\$0	\$0
SPC CLIFFORD M. DAVIS USARC / MO721045FM0200	5	0	\$0	\$0
SPRINGFIELD AFRC / MO721045FM1000	16	0	\$0	\$0
ST LOUIS ARMY AMMUNITION PLANT / MO721382122200	6	0	\$0	\$0
USARC CAPE GIRARDEAU / MO721045FM0400	1	0	\$0	\$0
USARC KIRKSVILLE (GRIM-SMITH) / MO721045FM2100	1	0	\$0	\$0
USARC POPLAR BLUFF / MO721045FM0800	1	0	\$0	\$0
USARC ST LOUIS (AMSA 55) / MO721045FM1400	17	0	\$0	\$0
USARC ST LOUIS (HAMPTON) / MO721045FM1300	4	0	\$0	\$0
WASHINGTON USARC / M0721045NM2500	3	0	\$0	\$0
WELDON SPRING USARC/LTA / MO721045FM1100	1	0	\$0	\$0

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Missouri				
AIR FORCE				
JEFFERSON BARRACKS AIR GUARD STATION / MO757282963400	2	0	\$644	\$0
LAMBERT ST. LOUIS INTERNATIONAL AIRPORT / MO757282529000	3	0	\$325	\$0
ROSECRANS MEMORIAL AIRPORT / MO757282588000	5	0	\$3,943	\$0
FORMERLY USED DEFENSE SITES				
AF 819 SPECIAL DEPOT / MO79799F037800	1	0	\$13	\$0
AF PLANT #65 / MO79799F037600	2	0	\$1,397	\$0
BELTON ISLAND OUT MRK AX / MO79799F040700	1	0	\$13	\$0
FORDLAND AFS P-68 / MO79799F038500	1	0	\$743	\$0
FOREST PARK RECREATION CAMP / MO79799F940200	0	1	\$0	\$482
GASCONADE BOAT YARD / MO79799F842200	2	0	\$878	\$0
JEFFERSON BARRACKS / MO79799F034900 / (1) / (3)	1	1	\$100	\$1,448
JEFFERSON BARRACKS RIF RG / MO79799F035100	0	1	\$0	\$0
KCDA NIKE BATTERY 10 / MO79799F035400	2	0	\$80	\$0
KCDA NIKE BATTERY 30 - LAUNCH FACILITY / MO79799F849200	1	0	\$63	\$0
KIRKSVILLE AFS P-64 / MO79799F039000	4	0	\$3,738	\$0
MIL PERSON RECORD CENTER / MO79799F035900	1	0	\$19	\$0
NIKE HERCULES SL-60 / MO79799F041000	1	0	\$86	\$0
ROSECRANS FLD RIFLE RNG / MO79799F039700	0	1	\$0	\$0
ST. LOUIS ORDNANCE PLANT / MO79799F093300	3	0	\$63	\$0
ST. LOUIS TANK ARMOUR / MO79799F036800	1	0	\$15	\$0
VICHY G F ANX P-70C / MO79799F040300	1	0	\$166	\$0
WELDON SPRING ORD WORKS / MO79799F037400	9	0	\$232,301	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
		IRP	MMRP	IRP	MMRP
Montana					
ARMY					
BUTTE AFRC / MT821046FF0600		5	0	\$0	\$0
FORT MISSOULA / MT821402059200		21	1	\$813	\$0
HELENA AFRC / MT821042159100		5	0	\$0	\$0
KALISPELL AFRC / MT821046FF1400		8	0	\$0	\$0
USARC BILLINGS (AMSA 5-G) / MT821042208700		11	0	\$0	\$0
USARC BOZEMAN / MT821046FF0400		1	0	\$0	\$0
USARC GREAT FALLS / MT821046FF0900		5	0	\$0	\$0
USARC HELENA (ECS 6) / MT821042387800		10	0	\$0	\$0
NAVY					
BILLINGS NMCRC / MT817002341600		1	0	\$0	\$0
BUTTE NRF / MT817002472400		1	0	\$0	\$0
FORMERLY USED DEFENSE SITES					
BROWNING GAP FILLER ANNEX P-24A / MT89799F061800		1	0	\$51	\$0
DEL BONITA AFS / MT89799F070500		2	0	\$2,473	\$0
FT W H HARRISON ARMY POST / MT89799F061100		0	1	\$0	\$0
GALATA GAP FILLER ANNEXX (P-25A) / MT89799F062300		1	0	\$52	\$0
GLASGOW AFB / MT89799F062400		5	0	\$5,860	\$0
GLASGOW ARMY AIR FIELD / MT89799F059900		2	1	\$809	\$114
GLASGOW WAT SYS AX #2 / MT89799F063000	ĺ	1	0	\$65	\$0
GLENDIVE GAP FI AX TM177A / MT89799F063100	ĺ	1	0	\$46	\$0
OPHEIM AFS Z-26 / MT89799F065900		2	0	\$434	\$0
SWEETGRASS GAP FILLER ANX / MT89799F066400	Î	1	0	\$43	\$0

Installation / FFID		Number Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Nebraska				
ARMY				
COLUMBUS USARC / NE721042378300	1	0	\$0	\$0
GEN JC FREMONT MEMORIAL / NE721042291800	5	0	\$0	\$0
HASTINGS USARC / NE72104NE00500	3	0	\$0	\$0
MCCOOK USARC / NE721045CG2700	1	0	\$0	\$0
MEADE WET SITE / NE721042244200	1	0	\$0	\$0
NORTH PLATTE (AMSA) / NE721045CG3800	10	0	\$0	\$0
NORTH PLATTE USARC / NE721045CG2000	2	0	\$0	\$0
OMAHA USARC/AMSA / NE721045CG2200	7	0	\$0	\$0
PVT ROBERT D BOOKER USARC / NE72104NE01500	3	0	\$0	\$0
USARC FAIRBURY / NE721045CG0400	3	0	\$0	\$0
USARC GRAND ISLAND / NE721045CG0800	2	0	\$0	\$0
USARC KEARNEY / NE721045CG1200	1	0	\$0	\$0
USARC LINCOLN / NE721045CG1400	2	0	\$0	\$0
USARC PLATTSMOUTH / NE721045CG2600	1	0	\$0	\$0
USARC SYRACUSE / NE721045CG2800	1	0	\$0	\$0
WYMORE USARC / NE721042389700	3	0	\$0	\$0
NAVY				
LINCOLN NRC / NE717002302600	2	0	\$195	\$0
FORMERLY USED DEFENSE SITES				
FAIRMONT ARMY AIRFIELD / NE79799F042300	1	0	\$30	\$0
FORT OMAHA / NE79799F042500	1	0	\$17	\$0
HARVARD PREC BMG RNG #5 / NE79799F043500	0	1	\$0	\$118
HARVARD TARGET RNG / NE79799F043600	0	1	\$0	\$1,177
KEARNEY AFB / NE79799F043800	1	0	\$194	\$0
LINCOLN AFB AF FAC S-10 / NE79799F047300	1	0	\$7,831	\$0
LINCOLN AFB AF FAC S-12 / NE79799F048400	1	0	\$118	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Nebraska				
LINCOLN AFB AF FAC S-2 / NE79799F047900	2	0	\$174	\$0
LINCOLN AFB AF FAC S-5 / NE79799F048100	1	0	\$62	\$0
LINCOLN AFB AF FAC S-9 / NE79799F047200 / (3)	1	0	\$2,238	\$0
LINCOLN AFB NIKE BATTERY LI-50 (CONTROL) / NE79799F695100	1	0	\$178	\$0
LINCOLN COMM ANX #1 / NE79799F045300	2	0	\$350	\$0
LINCOLN RADIO BEACON ANX / NE79799F045700	1	0	\$13	\$0
MCCOOK AIR TO GROUND GUNNEY RANGE / NE79799F044000	0	1	\$0	\$128
MCCOOK ARMY AF / NE79799F047600	0	1	\$0	\$93
OFFUTT AFB NIKE BATTERY OF-60 (CONTROL) / NE79799F046000	2	0	\$178	\$0
OFFUTT AFB NIKE BATTERY OF-60 (LAUNCHER) / NE79799F695200	2	0	\$294	\$0
SCRIBNER AAF / NE79799F046100	1	0	\$13	\$0

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Nevada				
AIR FORCE				
CREECH AFB / NV957212450200	13	0	\$924	\$0
NELLIS RANGES ALL / NV957212411001	14	5	\$933	\$0
TONOPAH TTR / NV957212411200	17	0	\$800	\$0
FORMERLY USED DEFENSE SITES				
AERIAL GUNNERY RANGE NO. 4 / NV99799F604200	1	1	\$609	\$110
CAMP DESERT ROCK / NV99799F601100	0	1	\$0	\$0
CAMP WILLISTON / NV99799F601200	0	1	\$0	\$0
DELAMAR DRY LAKE TEST ANNEX / NV99799F600600	0	1	\$0	\$1
DENIO GAP FILLER ANNEX M-127E / NV99799F572900	1	0	\$15	\$0
DIXIE VALLEY BOMBING TARGET / NV99799FA30100	0	1	\$0	\$2
FALLON AERIAL GUNNERY RANGE, EAST / NV99799FA30700	0	1	\$0	\$2
FALLON AERIAL GUNNERY RANGE, WEST / NV99799FA30800	1	1	\$635	\$24
FALLON BOMBING TARGET A / NV99799FA30000	0	1	\$0	\$25
GABBS GAP FILLER ANNEX / NV99799F176100	1	0	\$299	\$0
INDIAN SPRINGS AF AUX FIELD / NV99799F601300	0	1	\$0	\$0
LAS VEGAS AF STATION / NV99799F601500	1	1	\$103	\$189
LATHROP WELLS GAP FILLER ANNEX / NV99799F577500	1	0	\$392	\$0
LOVELOCK TARGET NO. 1 / NV99799FA29500	0	1	\$0	\$2
LOVELOCK TARGET NO. 2 / NV99799FA29800	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA A / NV99799F910600	0	1	\$0	\$227
NELLIS AIR FORCE RANGE, AREA B / NV99799F910800	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA C / NV99799F910900	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA D / NV99799F911000	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA F / NV99799F911200	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA G / NV99799F601800	0	1	\$0	\$0
NELLIS AIR FORCE RANGE, AREA H / NV99799F911300	0	1	\$0	\$2
NELLIS AIR FORCE RANGE, AREA I / NV99799F911400	0	1	\$0	\$2

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Nevada					
PINE GROVE FLAT / NV99799F600900	1	0	\$201	\$0	
PLANCOR 201-C / NV99799F603900	1	0	\$902	\$0	
QUINN RIVER GAP FILLER ANNEX M-127A / NV99799F691600	1	0	\$723	\$0	
STEAD AFB / NV99799F600700	3	1	\$6,784	\$19	
TONAPAH AIR FORCE STATION / NV99799F604300	1	0	\$134	\$0	
TONOPAH ARMY AIRFIELD / NV99799F603300	2	1	\$942	\$0	
TONOPAH ARMY AIRFIELD PRACTICE BOMBING RANGES / NV99799F989300	1	1	\$3	\$166	
TONOPAH BOMBING RANGE / NV99799FA26000	0	1	\$0	\$5	
TONOPAH RIFLE RANGE / NV99799F603400	1	2	\$2,530	\$10	
TORPEDO & BOMBING RANGE, PYRAMID LAKE / NV99799FA29600	1	1	\$0	\$341	
USAR CENTER LAS VEGAS / NV99799F602300	0	1	\$0	\$0	

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
New Hampshire				
ARMY				
GRENIER FIELD USARC / NH121042286300	20	0	\$17	\$0
HOPKINTON DAM ARNG / NH121183303500	1	1	\$0	\$0
KEENE USARC / NH121042301500	16	0	\$131	\$0
USARC MANCHESTER / NH1210414K2800	4	0	\$0	\$0
USARC ROCHESTER / NH121042174800	10	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
CONCORD POINT RAD STA / NH19799F208800	1	0	\$39	\$0
CP LANGDON / NH19799F735900	1	1	\$44	\$0
FORT CONSTITUTION / NH19799F208900	1	1	\$32	\$0
FORT DEARBORN / NH19799F209000	3	1	\$276	\$0
FORT STARK / NH19799F208100	1	1	\$0	\$0
ICING RES AX N CONWAY / NH19799F209200	1	0	\$55	\$0
MASSAHESIC NG TRGT RNG / NH19799F208500	2	1	\$217	\$1
MT WASH EQU & EXP STA / NH19799F209400	1	0	\$45	\$0
MT WASH TEST SITE / NH19799F209500	1	0	\$0	\$0
WRIGHT AIR DEV CEN / NH19799F210300	1	0	\$38	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
New Jersey					
ARMY					
BAYONNE MILITARY OCEAN TERMINAL / NJ221352275200	48	0	\$18,624	\$0	
BRITTIN USARC / NJ221042092000	4	0	\$0	\$0	
CAMP PEDRICKTOWN / NJ221402227000 / (1) / (3)	6	4	\$4,902	\$404	
FAMILY HOUSING NIKE NY 54 HOLMDEL / NJ221403465500	4	0	\$0	\$0	
FAMILY HOUSING NIKE NY 60 OLD BRIDGE / NJ221403466100	4	0	\$0	\$0	
FAMILY HOUSING NIKE NY 79 80 LIVINGSTON / NJ221403467900	3	0	\$385	\$0	
FAMILY HOUSING NIKE NY 93 94 FRANKLIN LKS / NJ221403469300	4	0	\$0	\$0	
FAMILY HOUSING NIKE PHILA 41 43 CLEMENTON / NJ221403474100	2	0	\$79	\$0	
FORT DIX BRAC / NJ221402027500	4	1	\$30,650	\$0	
SIEVERS-SANDBERG USARC / NJ22104NJ01300	1	0	\$0	\$0	
STORCK USARC, NORTHFIELD / NJ221042202500	5	0	\$0	\$0	
STRYKER USARC, TRENTON / NJ221042099900	4	0	\$0	\$0	
USARC EDISON (WEIGEL) / NJ221042209000	3	0	\$0	\$0	
USARC MOUNT FREEDOM / NJ221042228900	7	0	\$0	\$0	
AIR FORCE	<u> </u>	'			
GIBBSBORO AIR FORCE STATION / NJ257212547100	1	0	\$0	\$0	
WARREN GROVE WGR / NJ257282885900	3	0	\$276	\$0	
FORMERLY USED DEFENSE SITES					
ATLANTIC LOADING / NJ29799F895400	0	1	\$0	\$0	
BETHLEHEM LOADING / NJ29799F895500	0	1	\$0	\$0	
BLACK POINT TARGET / NJ29799F959500	0	1	\$0	\$264	
FRANKFORD ARSENAL - PALMYRA / NJ29799F982100	0	1	\$0	\$0	
HIGHLAND AIR DEF / NJ29799F094200	2	0	\$2,446	\$0	
ISLAND BEACH TEST SITE / NJ29799F903100	0	1	\$0	\$166	
MORGAN ORD SUP DEPOT / NJ29799F733500	0	2	\$0	\$1,892	
NAS WILDWOOD / NJ29799F103900	2	1	\$8	\$0	

Installation / FFID		of Sites Throug		ncurred gh FY10 000)
	IRP MMRP		IRP	MMRP
New Jersey				
NAV IND RES PL / NJ29799F101300	1	0	\$13	\$0
NAVAL IND RESRV PLANT / NJ29799F959700	1	0	\$0	\$0
NAVAL SHIP TARGET / NJ29799F958500	0	1	\$0	\$250
TUCKAHOE WEAPON TEST / NJ29799F897300	0	1	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Number Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
New Mexico				
ARMY				
USARC ALBUQUERQUE / NM621045XH2000	2	0	\$0	\$0
USARC ALBUQUERQUE (JENKINS) / NM621045BH0200	6	0	\$0	\$0
USARC ARTESIA / NM621045BH0400	5	0	\$0	\$0
USARC LAS CRUCES / NM621042196900	4	0	\$0	\$0
USARC ROSWELL / NM621045BH1900	1	0	\$0	\$0
USARC SANTE FE / NM62104NM00700	2	0	\$0	\$0
USARC SILVER CITY / NM621045BH1000	4	0	\$0	\$0
AIR FORCE				
MELROSE / NM657212445401	1	0	\$0	\$(
FORMERLY USED DEFENSE SITES				
CLOVIS PBR #1 / NM69799F617900	0	1	\$0	\$224
CONTINENTAL DIV AFS P-7 / NM69799F613300	3	0	\$251	\$6
GAGE GAP FIL AX M95C / NM69799F622300	1	0	\$62	\$6
HOBBS PBR #15 / NM69799F623800	0	1	\$0	\$
HOBBS PBR #21 / NM69799F624000	0	1	\$0	\$
MORIARTY AFS P-51 / NM69799F626500	1	0	\$245	\$0
PADDY AUXILLARY LANDING FIELD S-1 / NM69799F908500	0	1	\$0	\$
SANDIA BASE, BELEN COMM F / NM69799F626800	1	0	\$214	\$0
WAFB FAC SITE #1 / NM69799F627400	2	0	\$304	\$0
WAFB FAC SITE #10 / NM69799F628300	1	0	\$181	\$0
WAFB FAC SITE #11 / NM69799F628400	2	0	\$175	\$(
WAFB FAC SITE #12 / NM69799F628500	3	0	\$621	\$0
WAFB FAC SITE #2 / NM69799F627500	2	0	\$360	\$0
WAFB FAC SITE #3 / NM69799F627600	1	0	\$502	\$0
WAFB FAC SITE #4 / NM69799F627700	1	0	\$515	\$0
WAFB FAC SITE #5 / NM69799F627800	2	0	\$150	\$(

Installation / FFID	Total N of S	lumber Sites	Costs Incurred Through FY10 (\$000)	
	IRP MMRP		IRP	MMRP
New Mexico				
WAFB FAC SITE #6 / NM69799F627900	2	0	\$365	\$0
WAFB FAC SITE #7 / NM69799F628000	1	0	\$30	\$0
WAFB FAC SITE #8 / NM69799F628100	2	0	\$869	\$0
WAFB FAC SITE #9 / NM69799F628200	1	0	\$813	\$0
WAFB ROSWELL PBR #12 / NM69799F630900	0	1	\$0	\$162

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Throug	ncurred th FY10 (00)
	IRP	MMRP	IRP	MMRP
New York				
ARMY	1	1		
AFRC FORT WADSWORTH / NY22104NY02400	6	0	\$0	\$0
AFRC HORSEHEADS / NY221042143600	6	0	\$0	\$0
AMITYVILLE USARC / NY221042161500	7	0	\$0	\$0
BELLMORE MAINTENANCE FACILITY / NY2210217M0700	16	0	\$617	\$0
CANTON USARC / NY221042206300	7	0	\$0	\$0
ELIHU ROOT USARC / NY221042149100	7	0	\$0	\$0
ERNIE PYLE USARC/AMSA #12 (G) / NY22104NY02300 / (1)	1	2	\$29	\$280
FAMILY HOUSING DRY HILL WATERTOWN / NY221403620900	4	0	\$0	\$0
FAMILY HOUSING MANHATTAN BEACH / NY221403645000	3	0	\$0	\$0
FAMILY HOUSING NIKE NY 1 ORANGEBURG / NY221403657000	4	0	\$0	\$0
FAMILY HOUSING NIKE NY 25 BROOKHAVEN / NY221403665000	4	0	\$0	\$0
FAMILY HOUSING NIKE NY 99 SPRING VALLEY / NY221403665900	4	0	\$0	\$0
FARMINGDALE WETS / NY221183612000	5	0	\$351	\$0
FLOYD WETS SITE / NY221042301300	3	0	\$0	\$0
FORT TILDEN / NY221002088900	3	0	\$0	\$0
FORT TOTTEN / NY221022089700	17	4	\$857	\$0
MCGRATH USARC / NY221042206400	4	0	\$0	\$0
NG YOUNGSTOWN TNG SITE / NY221183646500	5	0	\$0	\$0
ORANGEBURG USARC / NY221042158700	18	0	\$0	\$0
ROCHESTER CSMS & USPFO WAREHOUSE / NY221183636000	7	0	\$0	\$0
ROCKY POINT USARC / NY22104NY07400	7	0	\$21	\$0
ROOSEVELT USARC, HEMPSTEAD / NY221042174500	2	0	\$0	\$0
ROTTERDAM USARC AMSA 8 / NY221042274800	12	0	\$0	\$0
SEWARD AFRC / NY221042183600	1	0	\$0	\$0
SKANEATELES WET SITE / NY221042300300	1	0	\$0	\$0
STEWART ANNEX (USMA) / NY221462283700	20	0	\$144	\$0
USARC AMHERST / MA22104MA00100	9	0	\$0	\$0

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
New York				
USARC AMSA 9 / NY22104NY04000	2	0	\$0	\$0
USARC BATAVIA / NY221042242300	2	0	\$0	\$0
USARC BRONX (PATTERSON) / NY221042012400	2	0	\$0	\$0
USARC BRONX (YONKERS) / NY221042224600	3	0	\$0	\$0
USARC BULLVILLE / NY221042254700	11	0	\$0	\$0
USARC CANANDAIGUA / NY221042231600	6	0	\$0	\$0
USARC CORNING / NY221042179400	5	0	\$0	\$0
USARC ELIZABETHTOWN / NY221041DM2300	10	0	\$0	\$0
USARC GERRY / NY221042305200	5	0	\$0	\$(
USARC GLENS FALLS / NY221041DM2800	1	0	\$0	\$
USARC HORSEHEADS (AMSA 2G) / NY22104NY03100	15	0	\$0	\$
USARC ITHACA / NY221042184100	1	0	\$0	\$
USARC KINGSTON / NY221042179300	8	0	\$0	\$(
USARC LIVERPOOL / NY221042160800	10	0	\$0	\$(
USARC MALONE / NY221042179200	7	0	\$0	\$
USARC MASSENA (ECS-1 SUBSHOP A) / NY22104NY02000	10	0	\$0	\$0
USARC NEWBURGH (ASF 10) / NY22104NY04300	5	0	\$0	\$0
USARC NEWBURGH (DUPONT) / NY2210415M4800	1	0	\$0	\$0
USARC NEWBURGH (STEWART FIELD) / NY2210417MG100	5	0	\$0	\$
USARC OGDENSBURG / NY221042179100	4	0	\$0	\$
USARC OLEAN / NY221041DM5500	2	0	\$0	\$
USARC OSWEGO / NY221042243200	4	0	\$0	\$
USARC PENN YAN / NY221042248500	3	0	\$0	\$
USARC PLATTSBURG / NY221042184000	8	0	\$0	\$
USARC POUGHKEEPSIE / NY221042144200	4	0	\$0	\$
USARC QUEENS / NY22104NY03300	7	0	\$0	\$
USARC SCHENECTADY (BRADT) / NY221042188200	11	0	\$0	\$6

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		lumber Sites		ncurred h FY10 00)
	IRP	MMRP	IRP	MMRP
New York				
USARC SYRACUSE (ASF 6) / NY2210415MA200	9	0	\$0	\$0
USARC TAPPAN / NY221042279400	6	0	\$0	\$0
USARC TONAWANDA / NY221042188600	5	0	\$0	\$0
USARC WATERTOWN / NY221042179000	11	0	\$0	\$0
USARC WAYLAND / NY22104NY06900	4	0	\$0	\$0
USARC WEBSTER (AMSA 7G) / NY221042302200	12	0	\$0	\$0
WATERVLIET ARSENAL / NY221382094000 / (2)	31	1	\$21,219	\$0
NAVY				
BINGHAMPTON NRC / NY217002220400	1	0	\$1,328	\$0
FLOYD BENNETT FIELD NMCRC / NY217002728400	1	0	\$0	\$0
NEW YORK NS FORT WADSWORTH / NY217002426000	5	0	\$118	\$0
SYRACUSE MCRTC / NY217009999900	1	0	\$222	\$0
WATERTOWN NRC / NY217002224700	1	0	\$130	\$0
AIR FORCE				
AIR FORCE PLANT 59 / NY257172464100 / (1) / (3)	7	0	\$5,820	\$0
NIAGARA FALLS INTERNATIONAL AIRPORT / NY257282427300	3	0	\$0	\$0
ROSLYN ANGB / NY257282429600	14	1	\$940	\$0
STEWART INTERNATIONAL AIRPORT / NY257282888200	3	0	\$3,916	\$0
YOUNGSTOWN / NY257172839100	10	0	\$93	\$0
FORMERLY USED DEFENSE SITES				
AFPLT NO 49 / NY29799F111600	1	0	\$13	\$0
FORT ONTARIO / NY29799F115300	0	1	\$0	\$0
FT MADISON BARRACKS / NY29799F105800	1	0	\$64	\$0
MALTA TEST STA / NY29799F128100	2	1	\$2,000	\$192
MARATHON BAT PLT / NY29799F114200	1	0	\$6,469	\$0
MILLER FLD / NY29799F105300	1	0	\$395	\$0

Installation / FFID	Total N	umber Sites	Throug	ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
New York				
N HILL FIRE CON STA / NY29799F118900	0	1	\$0	\$0
NIAG FALLS AR CHEM PLT / NY29799F109100	1	0	\$216	\$0
NIKE BAT NF16 / NY29799F108500	1	0	\$729	\$0
NIKE BU 09 / NY29799F108400	1	0	\$65	\$0
NIKE NF-41 / NY29799F107700	2	0	\$183	\$0
NIKE NY 99 / NY29799F107100	2	0	\$416	\$0
NIKE NY-25 CON AREA / NY29799F107000	1	0	\$481	\$0
PLATTSBURGH ATLAS S-7 / NY29799F109800	0	1	\$0	\$0
R/WAY PT FCS #13 / NY29799F120600	1	0	\$56	\$0
SARATOGA AF STA 250 / NY29799F128500	1	0	\$16	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		lumber Sites	Throug	ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
North Carolina				
ARMY				
AFRC ASHEBORO / NC421042EJ0400	1	0	\$0	\$0
AFRC GREENSBORO (RIVES) / NC4210428J2400	3	0	\$0	\$0
CAMP MACKALL / NC421402054000	0	25	\$0	\$0
FORT BRAGG RECREATION CENTER #2 / NC421402032800	2	0	\$95	\$0
MILITARY OCEAN TERMINAL SUNNY POINT / NC421352138600	18	0	\$1,551	\$0
TARHEEL ARMY MISSILE PLANT / NC421382187400	28	0	\$914	\$0
USARC ALBEMARLE / NC421042204600	4	0	\$0	\$0
USARC BREVARD / NC421042EJ0700	2	0	\$0	\$0
USARC CHARLOTTE / NC421042EJ1100	7	0	\$0	\$0
USARC CONCORD / NC421042303200	1	0	\$0	\$0
USARC DURHAM / NC421042EJ1600	3	0	\$0	\$0
USARC DURHAM 02 / NC421042EJ1700	1	0	\$0	\$0
USARC FORT BRAGG / NC42104NC01700	7	0	\$0	\$0
USARC GARNER / NC4210428J2200	4	0	\$0	\$0
USARC GRAHAM / NC421042EJ2300	1	0	\$0	\$0
USARC GREENSBORO / NC4210428J2500	3	0	\$0	\$0
USARC GREENVILLE / NC4210428J2600	6	0	\$0	\$0
USARC HICKORY / NC421042162600	2	0	\$0	\$0
USARC KINSTON / NC4210428J3700	5	0	\$0	\$0
USARC MOREHEAD CITY / NC421042290600	5	0	\$0	\$0
USARC RALEIGH 01 / NC42104NC03800	2	0	\$0	\$0
USARC ROCKY MOUNT / NC421042162400	2	0	\$0	\$0
USARC SALISBURY / NC4210428J6200	3	0	\$0	\$0
USARC WILMINGTON / NC421042192900	4	0	\$0	\$0
USARC WILMINGTON (AMSA 126-G) / NC4210428J7100	5	0	\$0	\$0
USARC WINSTON-SALEM (KING) / NC42104NC04900	4	0	\$0	\$0
USARC WINSTON-SALEM 01 / NC4210428J7500	2	0	\$0	\$0

Installation / FFID		Total Number of Sites		ncurred h FY10 00)
	IRP	MMRP	IRP	MMRP
North Carolina				
WILMINGTON OMS #17 / NC421183752000	1	0	\$3	\$0
NAVY				
WILMINGTON NRC / NC417002417800	1	0	\$61	\$0
AIR FORCE				
BADIN AIR GUARD STATION / NC457282589200	2	0	\$460	\$0
DARE COUNTY / NC457212447401 / (3)	2	0	\$857	\$0
FORMERLY USED DEFENSE SITES				
ALLEN GAP FILLER ANNEX / NC49799F486400	1	0	\$25	\$0
BODIE ISLAND / NC49799F971600	0	1	\$0	\$176
BUXTON NAVAL FACILITY / NC49799F482500	3	0	\$1,728	\$0
CAMP HAPPY / NC49799F794400	0	1	\$0	\$63
CP BATTLE / NC49799F489000	0	1	\$0	\$89
DAVIS AWS STA NO. 15 / NC49799F487500	1	0	\$40	\$0
DUCK TARGET FACILITY / NC49799F788800	0	1	\$0	\$1,980
ENGELHARD GFA / NC49799F486700	1	0	\$201	\$0
FT GREEN / NC49799F483100	0	1	\$0	\$219
GREENSBORO RIFLE RANGE / NC49799F794100	0	1	\$0	\$191
KITTY HAWK AWS STA #14 / NC49799F487600	1	0	\$43	\$0
MOORE GENERAL HOSP / NC49799F487800	1	0	\$87	\$0
MORRIS FLD / NC49799F488200	0	1	\$0	\$106
NEW HANOVER CNTY ARPT / NC49799F483500	4	0	\$1,508	\$0
OCRACOKE SECTION BASE / NC49799F790400	1	0	\$212	\$0
ROANOKE RAPIDS AFS / NC49799F484100	1	0	\$150	\$0
SPENCER MTN RIFLE RANG / NC49799F795800	0	1	\$0	\$161
STALLINGS AIR BASE / NC49799F678900	3	0	\$832	\$0
WHALE HEAD / NC49799F973300	0	1	\$0	\$58

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
North Carolina				
WINST-SAL NAV WEA IND / NC49799F490100	1	0	\$77	\$0

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
North Dakota				
ARMY				
DAVID F. JOHNSON MEM USARC / ND821042260800	8	0	\$0	\$0
LEWIS AND CLARK USARC (AMSA 23) / ND821042051300	16	0	\$0	\$0
MICKELSEN STANLEY R SFG MSR / ND821362278000	8	0	\$1,639	\$0
USARC GRAND FORKS / ND821042292300	6	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
ALEXANDER GAP FIL AX Z28E / ND89799F071200	1	0	\$336	\$0
DICKINSON AFS Z-177 / ND89799F071000	2	0	\$837	\$0
NIOBE GAP FILER ANNEX Z-28A / ND89799F076900	1	0	\$35	\$0
REGAN GAP FIL AX Z-28D / ND89799F071400	1	0	\$336	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Northern Mariana Islands				
FORMERLY USED DEFENSE SITES				
CHALAN KANOA ELEMENTARY SCHOOL / CN99799F966200	1	0	\$763	\$0
GARAPAN FUEL PIPELINE / CN99799F373200	2	0	\$953	\$0
ISLAND OF ROTA / CN99799F965900	0	1	\$0	\$3
ISLEY FIELD / CN99799F693000	2	0	\$20	\$0
KAGMAN AIRFIELD / CN99799F372700	1	0	\$1,410	\$0
KAGMAN CAVES / CN99799F372500	1	0	\$540	\$0
QUARTERMASTER STATION / CN99799F372400	1	0	\$62	\$0
SURPLUS AREA - WEST FIELD / CN99799F990100	2	0	\$179	\$0
TANAPAG VILLAGE PCB CONTAMINATION / CN99799F711900	1	0	\$19,749	\$0

Installation / FFID	Total Number of Sites		of Sites Thr		Throug	ncurred h FY10 00)
	IRP	MMRP	IRP	MMRP		
Ohio						
ARMY						
LT G. N. FAZE USARC / OH521042297600	7	0	\$0	\$0		
2LT GEO. F. PENNINGTON USARC / OH521044161800	10	0	\$0	\$0		
DELAWARE MEMORIAL USARC / OH521042225400	7	0	\$0	\$0		
LTA - MARION ENGR DEPOT EAST / OH521042253400 / (3)	2	0	\$2,305	\$0		
PVT WILLIAM KNIGHT USARC / OH52104OH00400	9	0	\$0	\$0		
SCHAFFNER USARC/AMSA #3 BMA / OH521042157900	9	0	\$0	\$0		
SFC M. L. DOWNS USARC/AMSA#58 / OH521044162300	4	0	\$0	\$0		
SSG GEORGE J. CONAWAY USARC / OH521044163200	8	0	\$0	\$0		
SSG JOHN H. KUNKEL USARC / OH521044163500	9	0	\$0	\$0		
TROY MEMORIAL USARC / OH521042243300	1	0	\$0	\$0		
US ARMY JOINT SYSTEM MANUFACTURING CENTER, LIMA / OH521382051000	10	0	\$17	\$0		
USARC AKRON (WOODFORD) / OH521042255700	6	0	\$0	\$0		
USARC BELLAIRE / OH521044V04000	2	0	\$0	\$0		
USARC CANTON 01 / OH521042144100	5	0	\$0	\$0		
USARC CINCINNATI (MORROW) / OH521044160400	5	0	\$0	\$0		
USARC COLUMBUS (300) / OH521044160500	4	0	\$0	\$0		
USARC COLUMBUS (AMSA 56) / OH52104OH07800	13	0	\$0	\$0		
USARC COLUMBUS (ASF 33) / OH5210443N3300	5	0	\$0	\$0		
USARC DAYTON / OH52104OH02000	9	0	\$0	\$0		
USARC DAYTON (DESC) / OH521044164800	3	0	\$0	\$0		
USARC FREMONT, OH / OH521044161200	3	0	\$0	\$0		
USARC JAMESTOWN / OH521044563400	4	0	\$0	\$0		
USARC KENTON / OH521044161400	4	0	\$0	\$0		
USARC LIMA (AMSA 58 SUB 1) / OH521042380500	11	0	\$0	\$0		
USARC MANSFIELD / OH521042189900	6	0	\$0	\$0		
USARC MARIETTA / OH521042362800	7	0	\$0	\$0		
USARC MILAN / OH521042286100	13	0	\$0	\$0		

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Ohio				
USARC PARMA (MOTE) / OH521042197900	7	0	\$0	\$0
USARC PERRYSBURG (AMSA 72) / OH52104OH05200	11	0	\$0	\$0
USARC PORTSMOUTH / OH521044162000	9	0	\$0	\$0
USARC SHARONVILLE / OH521042265100	5	0	\$0	\$0
USARC WARRENSVILLE HEIGHTS / OH521044163800	1	0	\$0	\$0
USARC YOUNGSTOWN (KEFURT) / OH521042099000	8	0	\$0	\$0
WARD MEMORIAL USARC / OH521044T62900	2	0	\$0	\$0
WHITEHALL MEMORIAL USARC / OH521042380200	3	0	\$0	\$0
ZANESVILLE MEMORIAL USARC / OH521044T63000	4	0	\$0	\$0
NAVY	· · · · · · · · · · · · · · · · · · ·			
TOLEDO NWIRP / OH017006864000	1	0	\$1,327	\$0
AIR FORCE				
BLUE ASH AIR GUARD STATION / OH557282587600	2	0	\$36	\$0
CAMP PERRY AIR GUARD STATION / OH557282872600	2	0	\$24	\$0
MANSFIELD LAHM / OH557282588100	8	0	\$2,313	\$0
YOUNGSTOWN AIR RESERVE STATION / OH557122876400	5	0	\$1,475	\$0
ZANESVILLE AIR GUARD STATION / OH557272587200	2	0	\$666	\$0
FORMERLY USED DEFENSE SITES				
ALUMINUM FORGING PLANT NO. 47 / OH59799F366300	1	0	\$13	\$0
BELLEFONTAINE AFS Z-73 / OH59799F366000	2	0	\$329	\$0
BROOKFIELD AFS / OH59799F366500	2	0	\$147	\$0
FLETCHER GEN HOSPITAL / OH59799F367000	1	0	\$13	\$0
FORT HAYES / OH59799F367100	1	0	\$15	\$0
KINGS MILL ORDNANCE PLANT / OH59799F366900	2	0	\$1,405	\$0
LEWISVILLE GAP FILLER ANX / OH59799F367200	1	0	\$40	\$0
MARBLEHEAD GAP FILLER ANX / OH59799F363500	1	0	\$0	\$0

Installation / FFID	Total Number of Sites  IRP MMRP		Costs Incurred Through FY10 (\$000)	
			IRP	MMRP
Ohio				
NIKE CD-27 - WILMINGTON / OH59799F364800	4	0	\$849	\$0
NIKE CD-78 - OXFORD / OH59799F365000 / (3)	2	0	\$2,984	\$0
NIKE CL-13 - EASTLAKE / OH59799F365400	1	0	\$0	\$0
NIKE CL-59 - PARMA HGHTS LAUNCH AREA / OH59799F365700	2	0	\$1,042	\$0
OHIO RUBBER COMPANY / OH59799F371700	0	1	\$0	\$265
PLYMOUTH USARC / OH59799F368400	1	0	\$177	\$0
RIDGEWOOD ARMY WEAPONS PLANT / OH59799F368000	1	0	\$486	\$0
SHARONVILLE ENGR DEPOT / OH59799F367900	1	0	\$517	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		of Sites Through F		h FY10
	IRP	MMRP	IRP	MMRP	
Oklahoma					
ARMY					
AFRC BROKEN ARROW (AMSA 20) / OK621045HK0800	10	0	\$0	\$0	
AFRC MIDWEST CITY / OK6210450K2200	8	0	\$0	\$0	
USARC ADA / OK621045HK0200	4	0	\$0	\$0	
USARC ANTLERS / OK621045HK0300	5	0	\$0	\$0	
USARC ARDMORE / OK621045HK0400	4	0	\$0	\$0	
USARC CHICKASHA / OK6210450K1300	3	0	\$0	\$0	
USARC CLINTON / OK6210450K1400	2	0	\$0	\$0	
USARC DUNCAN / OK621045HK0100	3	0	\$0	\$0	
USARC DURANT / OK6210450K1500	4	0	\$0	\$0	
USARC ENID / OK6210450K1600	2	0	\$0	\$0	
USARC FORT SILL (ECS 65) / OK62104OK01200	9	0	\$0	\$0	
USARC GUYMON / OK621045OK1700	2	0	\$0	\$0	
USARC LAWTON / OK6210450K1800	1	0	\$0	\$0	
USARC MCALESTER / OK6210450K1900	1	0	\$0	\$0	
USARC MIAMI / OK621045HK0600	3	0	\$0	\$0	
USARC MUSKOGEE / OK621045HK0700	6	0	\$0	\$0	
USARC NORMAN / OK621045OK2000	3	0	\$0	\$0	
USARC NORMAN 02 / OK621045HK0900	4	0	\$0	\$0	
USARC OKLAHOMA CITY (50TH STREET) / OK621045OK3100	1	0	\$0	\$0	
USARC OKLAHOMA CITY (KROWSE) / OK621042066600	8	0	\$0	\$0	
USARC OKLAHOMA CITY (PEREZ) / OK621045XK2900	5	0	\$0	\$0	
USARC OKMULGEE / OK6210450K2300	4	0	\$0	\$0	
USARC PONCA CITY / OK621045ZK2400	3	0	\$0	\$0	
USARC SHAWNEE / OK6210450K2500	2	0	\$0	\$0	
USARC STIGLER / OK621045HK1000	2	0	\$0	\$0	
USARC STILLWATER / OK6210450K2600	1	0	\$0	\$0	
USARC TULSA (REESE) / OK6210450K2700	4	0	\$0	\$0	

Installation / FFID	Total Number of Sites  Installation / FFID		Throug	ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Oklahoma				
USARC TULSA 02 / OK621045OK2800	1	0	\$0	\$0
NAVY				
BROKEN ARROW NMCRC / OK617002288600	1	0	\$69	\$0
AIR FORCE				
AIR FORCE PLANT 3 / OK657172460400 / (1) / (3)	12	0	\$5,603	\$0
FORMERLY USED DEFENSE SITES				
ADV TWIN ENG FLY SCH / OK69799F638600	1	0	\$1,300	\$0
ALTUS SMALL ARMS RANGE / OK69799F642200	1	0	\$43	\$0
ATLAS MISSILE NO. 1 / OK69799F640300	1	0	\$158	\$0
ATLAS MISSILE NO. 10 / OK69799F641200	1	0	\$690	\$0
ATLAS MISSILE NO. 11 / OK69799F641300	2	0	\$1,227	\$0
ATLAS MISSILE NO. 2 / OK69799F640400	1	0	\$134	\$0
ATLAS MISSILE NO. 3 / OK69799F640500	2	0	\$987	\$0
ATLAS MISSILE NO. 4 / OK69799F640600	2	0	\$2,646	\$0
ATLAS MISSILE NO. 5 / OK69799F640700	2	1	\$1,519	\$0
ATLAS MISSILE NO. 6 / OK69799F640800	2	0	\$1,906	\$0
ATLAS MISSILE NO. 8 / OK69799F641000	2	0	\$250	\$0
ATLAS MISSILE NO. 9 / OK69799F641100	2	0	\$3,483	\$0
BARTLESVILLE AFS / OK69799F637700	1	0	\$118	\$0
BORDEN GEN HOSP / OK69799F636500	0	1	\$0	\$1
DRUMMOND AUX FLD NO 1 / OK69799F636700	1	0	\$78	\$0
EAKER AUX NAV AF / OK69799F637900	1	0	\$159	\$0
EL RENO QUARTERMASTER DEPOT / OK69799F635800	5	0	\$545	\$0
GAGE AUX AIRFIELD / OK69799F638400	1	1	\$88	\$74
HOMER BEACON ANNEX / OK69799F637500	0	1	\$0	\$0
MIDWEST AIR SCH / OK69799F638100	1	0	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Oklahoma				
MUSKOGEE ARMY AIR FIELD / OK69799F639900	2	1	\$762	\$109
MUSKOGEE HIGH ENG FUEL PL / OK69799F637100	3	0	\$4,983	\$0
NAVAL AIR TECH TRG CEN / OK69799F639700	3	1	\$1,526	\$0
NAVAL GROUND GUNNERY SCHOOL / OK69799F730000	1	1	\$369	\$1,024
NORMAN NAVAL AIR STATION / OK69799F639600	2	1	\$530	\$36
OLUSTEE AUX AAF / OK69799F639400	1	0	\$78	\$0
PAR #2 WIL BON FLY SCHOOL / OK69799F636400	1	0	\$248	\$0
POWELL POW CAMP / OK69799F807000	1	0	\$133	\$0
VANCE OUTER MARKER ANNEX / OK69799F635700	1	0	\$53	\$0
VANCE TRG AX GCA / OK69799F642500	1	0	\$25	\$0
VANCE VOR ANNEX / OK69799F635600	1	0	\$97	\$0
WOODRING AUX FIELD / OK69799F638000	0	1	\$0	\$76
WOODWARD ARMY AIRFIELD / OK69799F640100	0	1	\$0	\$224

Installation / FFID		Number Sites Costs Incurred Through FY10 (\$000)		h FY10
	IRP	MMRP	IRP	MMRP
Oregon				
ARMY				
AFRC COOS BAY / OR0210462M0400	3	0	\$0	\$0
AFRC ROSEBURG / OR0210462M2200	2	0	\$0	\$0
AFRC WARRENTON / OR0210462M2600	1	0	\$0	\$0
BIAK TRAINING CENTER / OR021184190200	0	2	\$0	\$157
USARC BEND / OR0210462M0300	1	0	\$0	\$0
USARC CORVALLIS / OR02104OR00400	2	0	\$0	\$0
USARC EUGENE / OR021042176700	2	0	\$0	\$0
USARC MEDFORD / OR021042200600	2	0	\$0	\$0
USARC PORTLAND (AIRPORT) / OR0210463M2000	1	0	\$0	\$0
USARC PORTLAND (SOUTH) / OR021042209600	11	0	\$0	\$0
USARC PORTLAND (WEST) / OR021042192400	9	0	\$0	\$0
USARC SALEM / OR021042101400	2	0	\$0	\$0
NAVY				
PORTLAND NMCRRC / OR017002472500	1	0	\$106	\$0
SALEM OR NMCRC / OR017002286700	1	0	\$5	\$0
AIR FORCE				
KENO AIR FORCE STATION / OR057212521000	1	0	\$0	\$0
NORTH BEND / OR057282424100	8	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
ASTORIA AIRPORT / OR09799F136300	1	1	\$620	\$0
BAKER AFS / OR09799F307200	1	0	\$75	\$0
BEAVER ARMY TERMINAL / OR09799F307300	2	0	\$100	\$0
BURNS AFSTA / OR09799F307900	2	0	\$222	\$0
CENTRAL OREGON GUN RANGE / OR09799F308600	0	1	\$0	\$133
COAST GUARD BASE, TONGUE POINT / OR09799F874200	1	0	\$5	\$0
CONDON AFS / OR09799F309000	1	0	\$110	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)		
		IRP	MMRP	IRP	MMRP
Oregon					
CORVALLIS AAF / OR09799F309200		2	0	\$1,493	\$0
DOUGLAS NG GUARD TARGET / OR09799F309400		0	1	\$0	\$0
FORT STEVENS MIL RES / OR09799F308900		2	0	\$133	\$0
HECETA HEAD LIGHTHOUSE / OR09799F316900		1	0	\$77	\$0
NAV AIR STA, TILLAMOOK / OR09799F315200		3	0	\$601	\$0
NORTH BEND AFS (2-12) / OR09799F311900		1	0	\$0	\$0
PENDLETON BOMBING RANGE / OR09799F312200		0	1	\$0	\$64
PENDLETON FIELD / OR09799F312100		1	0	\$37	\$0
PHILOMATH GAP FILLER / OR09799F312300		1	0	\$85	\$0
ROSEBURG RIFLE RANGE / OR09799F313300		0	1	\$0	\$8
USARC ASTORIA / OR09799F314000		1	0	\$55	\$0

Installation / FFID	of Sites Throug		of Sites Throug		Throug	ncurred gh FY10
	IRP	MMRP	IRP	MMRP		
Pennsylvania						
ARMY						
AFRC BEAVER FALLS / PA3210416N0600	6	0	\$0	\$0		
AFRC BELLEFONTE / PA321042206800	5	0	\$0	\$0		
AFRC ERIE / PA3210416N2400	4	0	\$0	\$0		
AFRC FOLSOM / PA32104PA02800	7	0	\$0	\$0		
AFRC PHILADELPHIA 06 / PA321042071000	9	0	\$0	\$0		
AMSA 112 LOCK HAVEN / PA321042302600	8	0	\$0	\$0		
AMSA 29 READING / PA321042306600	9	0	\$0	\$0		
BRISTOL VETERANS USARC / PA321042287000	12	0	\$23	\$0		
CARLISLE BARRACKS / PA321372014500	4	1	\$0	\$0		
CHARLES E KELLY SUPPORT FACILITY BRAC / PA321402234400	4	0	\$4,235	\$0		
EDGEMONT USARC / PA321042146500	15	0	\$0	\$0		
FAMILY HOUSING 36 IRWIN SPT DET ANNEX / PA321404231000	1	0	\$0	\$0		
FAMILY HOUSING CORAOPOLIS SITE 71 / PA321404257100	2	0	\$0	\$0		
FAMILY HOUSING CORAOPOLIS SITE 72 / PA321404257200	2	0	\$0	\$0		
FAMILY HOUSING PITT 2 / PA321404250100	3	0	\$0	\$0		
FAMILY HOUSING PITT 25 MONROEVILLE / PA321404252500	2	0	\$0	\$0		
FAMILY HOUSING PITT 3 NIKE / PA321404250300	3	0	\$0	\$0		
FAMILY HOUSING PITT 37 / PA321404253700	2	0	\$0	\$0		
FAMILY HOUSING PITT 42 NIKE / PA321404254200	3	0	\$0	\$0		
FAMILY HOUSING PITT 52 NIKE / PA321404255200	2	0	\$0	\$0		
FAMILY HOUSING PITTSBURGH 43 / PA321402155900	1	0	\$0	\$0		
FORT INDIANTOWN GAP / PA321402044400	13	2	\$1,878	\$0		
HAYS AAP / PA321002281200	5	0	\$0	\$0		
IRWIN SUPPORT DETACHMENT MANOR ANNEX / PA32140PA04200	1	0	\$0	\$0		
KELLY SUPPORT FACILITY / PA321042234400	15	0	\$2,953	\$0		
MG WURTS USARC / PA32104PA13700	15	0	\$392	\$0		
NORTH PENN USARC / PA321042289900	6	0	\$0	\$0		

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Pennsylvania				
SCRANTON ARMY AMMUNITION PLANT / PA321382151000	15	0	\$1,335	\$0
TACONY WAREHOUSE / PA321402279200 / (1)	11	0	\$3,773	\$0
USARC ALTOONA / PA321042200900	6	0	\$0	\$0
USARC ASHLEY / PA32104412N100	9	0	\$0	\$0
USARC BELLE VERNON / PA3210416N1000	4	0	\$0	\$0
USARC BETHLEHEM / PA32104PA00800	4	0	\$0	\$0
USARC BLOOMSBURG / PA321042267400	10	0	\$0	\$0
USARC BROOKVILLE / PA32104PA01100	4	0	\$0	\$0
USARC BROWNSVILLE, PA / PA321042257800	6	0	\$0	\$0
USARC BUTLER / PA3210416N1400	4	0	\$0	\$0
USARC CHAMBERSBURG / PA321042188500	9	0	\$0	\$0
USARC CLARION / PA3210416N1800	1	0	\$0	\$0
USARC CLEARFIELD / PA321042226600	6	0	\$0	\$0
USARC DOWNINGTOWN / PA32104PA01900	1	0	\$0	\$0
USARC DU BOIS / PA321042213400	3	0	\$0	\$0
USARC ERIE / PA3210416N2500	3	0	\$0	\$0
USARC FARRELL / PA321042201100	3	0	\$0	\$0
USARC FRANKLIN / PA3210416N2800	2	0	\$0	\$0
USARC GERMANTOWN / PA321042156800	11	0	\$0	\$0
USARC GETTYSBURG / PA321042246400	5	0	\$0	\$0
USARC GREENCASTLE (AMSA 113) / PA321042038300	16	0	\$0	\$0
USARC GREENSBURG / PA321042185400	4	0	\$0	\$0
USARC GREENSBURG (AMSA 104) / PA3210416NG300	4	0	\$0	\$0
USARC HARRISBURG / PA321042141600	9	0	\$0	\$0
USARC HAZELTON / PA321042178700	4	0	\$0	\$0
USARC HORSHAM 01 / PA321042208200	10	0	\$0	\$0
USARC HORSHAM 02 / PA32104PA04700	1	0	\$0	\$0

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Pennsylvania					
USARC HUNTINGDON / PA321042362900	6	0	\$0	\$0	
USARC INDIANA / PA321042226700	4	0	\$0	\$0	
USARC JOHNSTON 01 / PA3210416N3900	10	0	\$0	\$0	
USARC JOHNSTON 02 / PA321042299800	4	0	\$0	\$0	
USARC KANE / PA3210416N3600	1	0	\$0	\$0	
USARC KITTANNING / PA3210416N4000	3	0	\$0	\$0	
USARC LANCASTER / PA321042172300	7	0	\$0	\$0	
USARC LEWISBURG / PA321042306400	8	0	\$0	\$0	
USARC LEWISTOWN / PA321042306500	9	0	\$0	\$0	
USARC MARCUS HOOK / PA3210415NS100	6	0	\$0	\$0	
USARC MEADVILLE / PA3210416N4500	1	0	\$0	\$0	
USARC NEW CASTLE (AMSA 110) / PA3210416NG400	7	0	\$0	\$0	
USARC NEW CUMBERLAND / PA3210412N4700	5	0	\$0	\$0	
USARC NEW KENSINGTON / PA3210416N4800	3	0	\$0	\$0	
USARC NORRISTOWN / PA321042156700	6	0	\$0	\$0	
USARC NORTH PARK / PA321042381400	1	0	\$0	\$0	
USARC NORTHEAST PHILADELPHIA / PA32104PA07500	3	0	\$0	\$0	
USARC OIL CITY / PA3210416N5200	1	0	\$0	\$0	
USARC PITTSBURGH 01 / PA3210416N5800	2	0	\$0	\$0	
USARC PITTSBURGH 02 / PA32104PA07800	2	0	\$0	\$0	
USARC PITTSBURGH 03 / PA32104PA07900	4	0	\$0	\$0	
USARC PUNXSUTAWNEY (AMSA 106) / PA321042382200	7	0	\$0	\$0	
USARC QUAKERTOWN / PA32104PA08300	1	0	\$0	\$0	
USARC RANSHAW / PA3210412N6200	1	0	\$0	\$0	
USARC SCHUYLKILL HAVEN / PA321042202900	14	0	\$0	\$0	
USARC SCRANTON / PA321042081200	5	0	\$0	\$0	
USARC ST MARY'S / PA321042226900	6	0	\$0	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred h FY10 00)
	IRP	MMRP	IRP	MMRP
Pennsylvania				
USARC STATE COLLEGE / PA321042257900	6	0	\$0	\$0
USARC STOCKERTOWN / PA32104PA09200	5	0	\$0	\$0
USARC TOBYHANNA / PA32104PA09400	8	0	\$0	\$0
USARC UNIONTOWN / PA321042156600	3	0	\$0	\$0
USARC WASHINGTON, PA / PA3210416N7300	3	0	\$0	\$0
USARC WILKES-BARRE / PA321042149000	18	0	\$0	\$0
USARC WILKES-BARRE (AMSA 32G) / PA321042382300	17	0	\$0	\$0
USARC WILLIAMSPORT / PA321042227600	6	0	\$0	\$0
USARC WILLOW GROVE / PA32104PA14400	1	0	\$0	\$0
USARC YORK / PA321042197200	4	0	\$0	\$0
NAVY				
PHILADELPHIA NAVHOSP / PA317002775600	2	0	\$100	\$0
PHILADELPHIA NS / PA317002219800 / (1) / (3)	19	0	\$7,976	\$0
PHILADELPHIA NSY / PA317002241800	10	0	\$14,607	\$0
WYOMING MCRC / PA317302756600	2	0	\$0	\$0
AIR FORCE				
FORT INDIANTOWN GAP / PA357282882400	3	0	\$289	\$0
PITTSBURGH INTERNATIONAL AIRPORT / PA357282846900	3	0	\$600	\$0
PITTSBURGH MUNICIPAL AIRPORT / PA357122428900	7	0	\$1,957	\$0
STATE COLLEGE AIR GUARD STATION / PA357282627300	2	0	\$2,974	\$0
WILLOW GROVE ARS / PA357282534900	1	0	\$352	\$0
FORMERLY USED DEFENSE SITES				
AAF INTELLIGENCE SCH / PA39799F147700	1	0	\$13	\$0
AIR FORCE PLANT 45 / PA39799F153500	2	0	\$521	\$0
AVCO LYCOMING SF SITE / PA39799F145100	1	0	\$281	\$0
BIRDSBORO ARMY TANK FOUNDRY / PA39799F147800	1	0	\$3,627	\$0

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Pennsylvania					
CAMP REYNOLDS / PA39799F929800	1	1	\$1,496	\$30	
CLAYSBURG AIR FORCE STATION / PA39799F927100	1	0	\$245	\$0	
CROSS AND HEARTHSTONE MOUNTAIN / PA39799F148300	1	0	\$45	\$0	
CROYLAND PLANT / PA39799F825300	0	1	\$0	\$1	
ESSINGTON NG TAR RNG / PA39799F154100	0	1	\$0	\$0	
FORT MIFFLIN / HOG ISLAND FACILITIES / PA39799F148700	0	1	\$0	\$0	
HANOVER GAP FILLER ANX / PA39799F150600	1	0	\$120	\$0	
LOCK HAVEN NATL GUARD FACILITY / PA39799F148500	1	1	\$0	\$0	
MARINE CORPS RESERVE CENTER (ERIE) / PA39799F153000	1	0	\$174	\$0	
MARINE CORPS TRAINING CENTER (FREEMANSBURG) / PA39799F152900	2	0	\$267	\$0	
MIDDLETOWN AIR DEPOT / PA39799F144500	1	0	\$57	\$0	
NAS NEWCUMBERLAND / PA39799F155200	1	1	\$24	\$34	
NAVAL RESERVE CENTER (ALLENTOWN) / PA39799F152800	1	0	\$86	\$0	
NAVY INDUSTRIAL RESERVE GEAR PLANT / PA39799F151700	2	0	\$366	\$0	
NAVY SHIP PARTS CONTROL CENTER / PA39799F151800	1	0	\$100	\$0	
NEW CUMBERLAND ARMY DEPOT / PA39799F147200 / (3)	1	1	\$6,735	\$72	
NIKE PH-07 (RICHBORO) / PA39799F145400	3	0	\$517	\$0	
NIKE PH-15 (BRISTOL) / PA39799F146400	2	0	\$669	\$0	
NIKE PH-67 (CHESTER) / PA39799F146500	2	0	\$173	\$0	
NIKE PH-91 (WORCESTER) / PA39799F146800	1	0	\$287	\$0	
NIKE PH-97/99 (LANSDALE) / PA39799F146900	4	0	\$396	\$0	
NIKE PI-02 (RURAL RIDGE) / PA39799F145200	2	0	\$497	\$0	
NIKE PI-03 (DORSEYVILLE) / PA39799F145700	1	0	\$662	\$0	
NIKE PI-36 (NORTH HUNTINGDON) / PA39799F145800	1	0	\$336	\$0	
NIKE PI-37 (RILLTON) / PA39799F145900	1	0	\$354	\$0	
NIKE PI-42 (ELIZABETH TWP) / PA39799F925000	1	0	\$177	\$0	
NIKE PI-52 (FINLEYVILLE) / PA39799F924900	1	0	\$342	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total N	lumber Sites	Costs Incurred Through FY10 (\$000)		
	-	IRP	MMRP	IRP	MMRP	
Pennsylvania						
NIKE PI-71 (CORAOPOLIS) / PA39799F146100		2	0	\$61	\$0	
OLMSTED AIR FORCE BASE / PA39799F153700		4	1	\$9,884	\$0	
PLANCOR 400 BETH FGE C / PA39799F155400		1	0	\$25	\$0	
READING AAF / PA39799F151100		1	1	\$19	\$194	
SHAMOKIN GENERAL DEPOT / PA39799F825600		0	1	\$0	\$30	
SOUTH PARK MILITARY RESERVATION / PA39799F808000		0	1	\$0	\$0	
VALLEY FORGE GENERAL HOSPITAL / PA39799F150000		4	0	\$4,072	\$0	

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Puerto Rico				
ARMY				
FORT ALLEN / PR221184307700	9	2	\$574	\$148
MTA CAMP SANTIAGO RQ 577 / PR221184310000	4	0	\$0	\$0
NAVY				
SABANA SECA NSGA / PR217002753500	8	0	\$3,470	\$0
FORMERLY USED DEFENSE SITES				
CAMP TORTUGUERO / PR29799F414200	1	0	\$134	\$0
DORADO AUX AIRDROOME / PR29799F414900	1	0	\$463	\$0
FORT AMEZQUITA / PR29799F726200	0	1	\$0	\$72
SABANA SECA AMMO STORAGE AREA / PR29799F415900	0	1	\$0	\$0
VIEQUES AIRPORT / PR29799F413800	0	1	\$0	\$0

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Rhode Island					
ARMY					
AFRC PROVIDENCE (HOPKINS) / RI121041AP4100	1	0	\$0	\$0	
FAMILY HOUSING DAVISVILLE / RI121404401000	1	0	\$0	\$0	
FAMILY HOUSING NORTH SMITHFIELD 99 / RI121404439900	3	0	\$0	\$0	
NORTH SMITHFIELD ARNG / RI121184405500	3	0	\$0	\$0	
USARC CRANSTON / RI121041AP1500	1	0	\$0	\$0	
USARC FORT NATHANIEL GREENE / RI121041AP2200	8	1	\$2,028	\$119	
USARC PROVIDENCE (HARWOOD) / RI121041AP3000	4	0	\$0	\$0	
USARC WARWICK / RI121041AP5200	9	0	\$0	\$0	
NAVY					
FISHERS ISLAND NUSC / RI117002754900	1	0	\$200	\$0	
AIR FORCE	<u> </u>				
NORTH SMITHFIELD ANGS / RI157282859900	1	0	\$6,383	\$0	
FORMERLY USED DEFENSE SITES	,				
ANTI-AIRCRFT TRNG CNTR / RI19799F735700	0	1	\$0	\$0	
BEAVERTAIL PT.NAV COMM / RI19799F211600	2	1	\$96	\$0	
BRENTON POINT FC STA / RI19799F211900	0	1	\$0	\$0	
BRISTOL NIKE 38 / RI19799F211300	2	0	\$178	\$0	
DEVIL'S FOOT ROAD / RI19799F215700	1	0	\$2,220	\$0	
FORT CHURCH / RI19799F212500	1	1	\$60	\$0	
FORT GETTY / RI19799F212600	1	1	\$0	\$0	
FORT MANSFIELD / RI19799F810700	0	1	\$0	\$174	
FORT VARNUM / RI19799F212900	0	1	\$0	\$0	
FORT WETHERILL NUSC / RI19799F213000	2	1	\$529	\$0	
FT ADAMS / RI19799F211200	1	0	\$0	\$0	
GOAT ISLAND NAVAL BASE / RI19799F883200	0	1	\$0	\$0	
HILLSGROVE AAF / RI19799F213300	1	0	\$103	\$0	

Total Number of Sites		Costs Incurred Through FY10 (\$000)		
	IRP MMRP		IRP	MMRP
Rhode Island				
HOPE ISL NAS / RI19799F214200	2	0	\$362	\$0
HULL COVE FIRE CON STA / RI19799F213400	1	0	\$28	\$0
NAVAL DIR FINDER STA / RI19799F882900	1	0	\$59	\$0
NIKE CONTROL PR-58 / RI19799F211400	1	0	\$19	\$0
NIKE PR-69 / RI19799F210700	2	0	\$408	\$0
OAKS INN BATTERY / RI19799F810800	0	1	\$0	\$0
PROSPECT HILL FCS / RI19799F214000	1	0	\$0	\$0
TIV AF POL RET DIS STA / RI19799F214400	2	0	\$14	\$0
US NAVAL REC CP / RI19799F735500	1	0	\$86	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
South Carolina				
ARMY		1	ı	
LEESBURG TRAINING SITE / SC4211845C7000	1	0	\$100	\$0
USARC AIKEN / SC4210428Q0300	5	0	\$0	\$0
USARC ANDERSON / SC4210428Q0800	8	0	\$0	\$0
USARC CHARLESTON / SC421042018800	6	0	\$0	\$0
USARC CLEMSON / SC421042EQ2000	4	0	\$0	\$0
USARC COLUMBIA (FOREST DRIVE) / SC42104SC00500	6	0	\$0	\$0
USARC COLUMBIA 02 / SC42104SC00600	5	0	\$0	\$0
USARC FLORENCE / SC4210428Q3200	1	0	\$0	\$0
USARC FORT JACKSON (ECS 124-G) / SC4210428QG100	5	0	\$0	\$0
USARC FORT JACKSON (LEE RD) / SC4210428Q2500	2	0	\$0	\$0
USARC FORT JACKSON (MCWHORTER) / SC421042EQ3000	4	0	\$0	\$0
USARC GREENVILLE 01 (MAHON) / SC421042083600	12	0	\$0	\$0
USARC GREENVILLE 02 (KUKOWSKI) / SC421042288500	12	0	\$0	\$0
USARC MYRTLE BEACH / SC4210428Q6700	4	0	\$0	\$0
USARC ORANGEBURG / SC4210428Q4400	2	0	\$0	\$0
USARC ROCK HILL / SC421042154300	6	0	\$0	\$0
USARC SPARTANBURG / SC4210428QA100	3	0	\$0	\$0
USARC YORK, SC / SC4210428Q6600	10	0	\$0	\$0
FORMERLY USED DEFENSE SITES	,			
ANDERSON AAF / SC49799F500100	1	0	\$21	\$0
BARNWELL MUN ARPT / SC49799F494300	1	0	\$32	\$0
CAMDEN AAF / SC49799F499600	1	0	\$65	\$0
CHARLESTON ARMY DEPOT / SC49799F491900	0	1	\$0	\$50
CHARLESTON SM ARA / SC49799F498200	0	1	\$0	\$187
CORONACA AAF / SC49799F494700	1	0	\$18	\$0
C-TON NAV IND RES SYAR / SC49799F498800	1	0	\$162	\$0
GFA (Z-113A) / SC49799F497300	1	0	\$37	\$0

Installation / FFID	Total Number of Sites		Costs Incurre Through FY1 (\$000)	
	IRP	IRP MMRP		MMRP
South Carolina				
STARK GENERAL HOSP / SC49799F497800	2	0	\$187	\$0
WALTERBORO AAF / SC49799F495000	2	1	\$435	\$144

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred h FY10 00)
	IRP	MMRP	IRP	MMRP
South Dakota				
ARMY				
USARC ABERDEEN / SD821042230900	8	0	\$0	\$0
USARC SIOUX FALLS / SD821042225700	8	0	\$0	\$0
AIR FORCE				
JOE FOSS FIELD / SD857282588800	13	0	\$3,696	\$0
FORMERLY USED DEFENSE SITES				
ELLSWORTH AFB AF FAC S-1 / SD89799F077900	2	0	\$77	\$0
ELLSWORTH AFB AF FAC S2 / SD89799F078000	2	0	\$57	\$0
ELLSWORTH AFB AF FAC S-3 / SD89799F078100	2	0	\$177	\$0
ELLSWORTH AFB COMM AX (REC) / SD89799F079900	1	0	\$267	\$0
ELLSWORTH AFB NIKE BATTERY E-01 / SD89799F077700	1	0	\$104	\$0
ELLSWORTH AFB NIKE BATTERY E-20 / SD89799F077500	2	0	\$249	\$0
ELLSWORTH AFB NIKE BATTERY E-40 / SD89799F077600	1	0	\$142	\$0
ELLSWORTH AFB NIKE BATTERY E-70 / SD89799F077800	2	0	\$203	\$0
FORT MEADE TARGET RGE / SD89799F084400	0	1	\$0	\$6
GETTYSBURG FAMILY HOUSING AX / SD89799F080300	1	0	\$341	\$0
GETTYSBURG WASTE AX / SD89799F080400	1	0	\$24	\$0
INTERIOR ANG SITE / SD89799F080600	1	0	\$37	\$0
MCINTOSH GAP FILLER AX TM-177C / SD89799F084500	1	0	\$53	\$0
PICKSTOWN AFS Z-134 / SD89799F080700	1	0	\$35	\$0
PIERRE ARMY AIR FIELD / SD89799F085000	1	0	\$327	\$0
SIOUX CITY PRE BOM RGE #2 / SD89799F085500	0	1	\$0	\$104
SIOUX CITY PRE BOM RGE #6 / SD89799F085600	0	1	\$0	\$99

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Tennessee					
ARMY					
AFRC JOHNSON CITY / TN42104TN00700	6	0	\$0	\$0	
GRUBBS/KYLE TRAINING CENTER / TN421184734000	7	0	\$0	\$0	
HOLSTON ARMY AMMUNITION PLANT / TN421382042100	30	2	\$21,034	\$0	
USARC CHATTANOOGA / TN42104TN00100	4	0	\$0	\$0	
USARC CHATTANOOGA (GUERRY) / TN42104TN00200	3	0	\$0	\$0	
USARC GREENEVILLE / TN421042189200	5	0	\$0	\$0	
USARC KNOXVILLE / TN42104TN00900	6	0	\$0	\$0	
USARC LYELL (AFRC) / TN421042JR5000	3	0	\$0	\$0	
USARC MEMPHIS 01 / TN42104TN01200	7	0	\$0	\$0	
USARC MEMPHIS 02 / TN42104TN01100	3	0	\$0	\$0	
USARC NASHVILLE / TN421042JR5100	1	0	\$0	\$0	
USARC OAK RIDGE / TN421042188400	4	0	\$0	\$0	
NAVY					
BRISTOL NWIRP / TN417002406200 / (3)	9	0	\$11,092	\$0	
KNOXVILLE NMCRC / TN417002271000	1	0	\$837	\$0	
FORMERLY USED DEFENSE SITES					
BRADYVILLE GAP FILLER ANNEX / TN49799F350400	1	0	\$343	\$0	
MAURY C.W.S. PLANT / TN49799F352400	0	2	\$0	\$19	
MILAN ARMY AMMUNITION PLANT / TN49799FA20700	1	0	\$51	\$0	
MILLINGTON ORD WORKS / TN49799F351300	1	0	\$56	\$0	
MONSANTO CHEMICAL COMPANY / TN49799F351600	0	1	\$0	\$248	
RIDGELY PRECISION BOMBING RANGE NO. 2 / TN49799F352700	0	1	\$0	\$168	
SOUTHEASTERN ENERGY INC. / TN49799F351400	0	1	\$0	\$85	
TENNESSEE MANEUVER AREA / TN49799FA21000	0	1	\$0	\$143	
WILLIAM NORTHERN FIELD / TN49799F350300	1	0	\$344	\$0	
WRIGLEY CHARCOAL / TN49799F711700	1	0	\$1	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Texas				
ARMY				
AFRC CORPUS CHRISTI (AMSA 7) / TX62104TX02000	8	0	\$0	\$0
AFRC MESQUITE / TX621042252600	4	0	\$0	\$0
AFRC MIDLAND / TX621042298900	5	0	\$0	\$0
BEE CAVES ARMORY / TX621184805500	5	0	\$0	\$0
CAMP BOWIE (STATE) / TX6211848B3500	0	2	\$0	\$194
CAMP SWIFT / TX621184807000	3	0	\$0	\$0
CANYON LAKE RECREATION AREA / TX621162280900	1	0	\$0	\$0
FORT HOOD / TX621402042400	62	0	\$6,866	\$0
FORT JACOB F WOLTERS / TX621184855500	4	0	\$60	\$0
TARDEC FUELS AND LUBRICANT RESEARCH FACILITY / TX621002187200	2	0	\$0	\$0
USARC ABILENE / TX621042197400	14	0	\$0	\$0
USARC ALICE / TX621042203300	1	0	\$0	\$0
USARC AMARILLO / TX621042178500	2	0	\$0	\$0
USARC AMARILLO 02 / TX621045OT4800	1	0	\$0	\$0
USARC ARLINGTON / TX621045BT1600	1	0	\$0	\$0
USARC AUSTIN (CAMP MABRY) / TX621042005300	15	0	\$0	\$0
USARC AUSTIN 02 / TX62104TX00900	2	0	\$0	\$0
USARC AUSTIN 03 / TX621045BT0900	1	0	\$0	\$0
USARC BAY CITY, TX / TX62104TX01000	7	0	\$0	\$0
USARC BEAUMONT (AMSA 6) / TX621042007500	14	0	\$0	\$0
USARC BROWNSVILLE / TX621042249400	4	0	\$0	\$0
USARC BRYAN (MOORE) / TX621045VT5100	7	0	\$0	\$0
USARC BRYAN 02 / TX621045VT4400	1	0	\$0	\$0
USARC CONROE (ASF 62) / TX621042368600	4	0	\$0	\$0
USARC CORPUS CHRISTI (MEMORIAL) / TX621042207800	4	0	\$0	\$0
USARC DALLAS 01 (MUCHERT) / TX621042154500	5	0	\$0	\$0
USARC DALLAS 02 / TX621042147400	2	0	\$0	\$0

Texas  SARC DALLAS 03 / TX6210420T4600	Total Number of Sites		ncurred th FY10 00)
SARC DALLAS 03 / TX621042OT4600	MMRP	IRP	MMRP
SARC DENTON / TX621045BT1200 1  SARC EL PASO / TX621042188100 1  SARC FORT BLISS (AMSA 12) / TX62104TX02900 12  SARC FORT BLISS (BIGGS FIELD PET) / TX621045BT4000 1  SARC FORT WORTH (AMSA 5, SUB 2) / TX62104TX03500 9  SARC FORT WORTH (HOT) / TX621045BT3700 1  SARC FORT WORTH 02 / TX621045DT1300 1  SARC GRAND PRAIRIE (ASF 13) / TX621045BT1500 11  SARC HARLINGEN (AMSA 7 SUB 1) / TX62104203400 6  SARC HOUSTON 02 (AMSA 4) / TX621042306200 11  SARC HUNTSVILLE / TX621042147600 1  SARC LUBBOCK / TX621042175800 3  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC MCALLEN / TX621042203600 2  SARC MCALLEN / TX621042203600 12  SARC PARIS / TX621042247600 6  SARC PARIS / TX621042247600 6  SARC PARIS / TX621042247600 6  SARC PARIS / TX621042247600 4  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX6210425BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4			
SARC DENTON / TX621045BT1200 1  SARC EL PASO / TX621042188100 1  SARC FORT BLISS (AMSA 12) / TX62104TX02900 12  SARC FORT BLISS (BIGGS FIELD PET) / TX621045BT4000 1  SARC FORT WORTH (AMSA 5, SUB 2) / TX62104TX03500 9  SARC FORT WORTH (HOT) / TX621045BT3700 1  SARC FORT WORTH 02 / TX621045DT1300 1  SARC GRAND PRAIRIE (ASF 13) / TX621045BT1500 11  SARC HARLINGEN (AMSA 7 SUB 1) / TX62104203400 6  SARC HOUSTON 02 (AMSA 4) / TX621042306200 11  SARC HUNTSVILLE / TX621042147600 1  SARC LUBBOCK / TX621042175800 3  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC MCALLEN / TX621042203600 2  SARC MCALLEN / TX621042203600 12  SARC PARIS / TX621042247600 6  SARC PARIS / TX621042247600 6  SARC PARIS / TX621042247600 6  SARC PARIS / TX621042247600 4  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX6210425BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4			
SARC EL PASO / TX621042188100 1  SARC FORT BLISS (AMSA 12) / TX62104TX02900 12  SARC FORT BLISS (BIGGS FIELD PET) / TX621045BT4000 1  SARC FORT WORTH (AMSA 5, SUB 2) / TX62104TX03500 9  SARC FORT WORTH (HOT) / TX621045BT3700 1  SARC FORT WORTH 02 / TX621045DT1300 1  SARC GRAND PRAIRIE (ASF 13) / TX621045BT1500 11  SARC HARLINGEN (AMSA 7 SUB 1) / TX621042203400 6  SARC HOUSTON 02 (AMSA 4) / TX621042306200 11  SARC HUNTSVILLE / TX621042147600 1  SARC LAREDO / TX621042147500 3  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC MCALLEN / TX621042203600 2  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PASADENA / TX621042263100 4  SARC PASADENA / TX62104263100 4  SARC PORT ARTHUR / TX621042232700 4	0	\$0	\$0
SARC FORT BLISS (AMSA 12) / TX62104TX02900 12  SARC FORT BLISS (BIGGS FIELD PET) / TX621045BT4000 1  SARC FORT WORTH (AMSA 5, SUB 2) / TX62104TX03500 9  SARC FORT WORTH (HOT) / TX621045BT3700 1  SARC FORT WORTH (DT) / TX621045DT1300 11  SARC GRAND PRAIRIE (ASF 13) / TX621045BT1500 11  SARC HARLINGEN (AMSA 7 SUB 1) / TX62104203400 6  SARC HOUSTON 02 (AMSA 4) / TX621042306200 11  SARC HUNTSVILLE / TX621042147600 1  SARC LAREDO / TX621042175800 3  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PASADENA / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX62104233700 4	0	\$0	\$0
SARC FORT BLISS (BIGGS FIELD PET) / TX621045BT4000 1  SARC FORT WORTH (AMSA 5, SUB 2) / TX62104TX03500 9  SARC FORT WORTH (HOT) / TX621045BT3700 1  SARC FORT WORTH 02 / TX621045DT1300 1  SARC FORT WORTH 02 / TX621045DT1300 11  SARC GRAND PRAIRIE (ASF 13) / TX621045BT1500 11  SARC HARLINGEN (AMSA 7 SUB 1) / TX621042203400 6  SARC HOUSTON 02 (AMSA 4) / TX621042203400 11  SARC HUNTSVILLE / TX621042147600 1  SARC LUBBOCK / TX621042147500 3  SARC LUBBOCK / TX621042147500 12  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PASADENA / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC FORT WORTH (AMSA 5, SUB 2) / TX62104TX03500 9  SARC FORT WORTH (HOT) / TX621045BT3700 1  SARC FORT WORTH 02 / TX621045OT1300 1  SARC GRAND PRAIRIE (ASF 13) / TX621045BT1500 11  SARC HARLINGEN (AMSA 7 SUB 1) / TX621042203400 6  SARC HOUSTON 02 (AMSA 4) / TX621042306200 11  SARC HUNTSVILLE / TX621042147600 1  SARC LAREDO / TX621042175800 3  SARC LUBBOCK / TX621042147500 3  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC FORT WORTH (HOT) / TX621045BT3700	0	\$0	\$0
SARC FORT WORTH 02 / TX621045OT1300	0	\$0	\$0
SARC GRAND PRAIRIE (ASF 13) / TX621045BT1500 11  SARC HARLINGEN (AMSA 7 SUB 1) / TX621042203400 6  SARC HOUSTON 02 (AMSA 4) / TX621042306200 11  SARC HUNTSVILLE / TX621042147600 1  SARC LAREDO / TX621042175800 3  SARC LUBBOCK / TX621042147500 12  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PASADENA / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC HARLINGEN (AMSA 7 SUB 1) / TX621042203400 6  SARC HOUSTON 02 (AMSA 4) / TX621042306200 11  SARC HUNTSVILLE / TX621042147600 1  SARC LAREDO / TX621042175800 3  SARC LUBBOCK / TX621042147500 12  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC MCALLEN / TX621042203600 2  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC HOUSTON 02 (AMSA 4) / TX621042306200	0	\$0	\$0
SARC HUNTSVILLE / TX621042147600 1  SARC LAREDO / TX621042175800 3  SARC LUBBOCK / TX621042147500 3  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC MCALLEN / TX621042203600 2  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC LAREDO / TX621042175800 3  SARC LUBBOCK / TX621042147500 3  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC MCALLEN / TX621042203600 2  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC LUBBOCK / TX621042147500 3  SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC MCALLEN / TX621042203600 2  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC LUBBOCK (AMSA 11) / TX62104TX04800 12  SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400 1  SARC MCALLEN / TX621042203600 2  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC LUBBOCK (HOSPITAL TNG) / TX621045XT6400	0	\$0	\$0
SARC MCALLEN / TX621042203600 2  SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC NORTH FORT HOOD (ESC 64) / TX621045BT4100 1  SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC PARIS / TX621042247600 6  SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC PASADENA / TX621042263100 4  SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC PORT ARTHUR / TX621045BT2500 4  SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
SARC RIO GRANDE CITY / TX621042232700 4	0	\$0	\$0
	0	\$0	\$0
SARC SAN ANTONIO (BOSWELL) / TX621042259900 5	0	\$0	\$0
	0	\$0	\$0
SARC SAN ANTONIO (CALLAGHAN) / TX62104TX06400 3	0	\$0	\$0
SARC SAN MARCOS / TX621042248000 2	0	\$0	\$0
SARC SEAGOVILLE / TX621045XT7200 6	0	\$0	\$0
SARC SINTON / TX621042249200 4	0	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10
	IRP	MMRP	IRP	MMRP
Texas				
USARC TEXARKANA (AMSA 5 SUB 4) / TX621042197300	7	0	\$0	\$0
USARC TYLER / TX621042383900	4	0	\$0	\$0
USARC VICTORIA / TX621042270700	5	0	\$0	\$0
USARC WACO (AMSA 8) / TX62104TX08900	9	0	\$0	\$0
USARC YOAKUM / TX621042245600	4	0	\$0	\$0
WICHITA FALLS USARC / TX62104TX07700	6	0	\$0	\$0
NAVY				
CHASE FIELD NAS / TX617002473800	6	0	\$12,680	\$0
AIR FORCE				
GARLAND AIR NATIONAL GUARD STATION / TX657282588300	2	0	\$296	\$0
LAPORTE AIR NATIONAL GUARD STATION / TX657282588400	2	0	\$361	\$0
NAS FORT WORTH, JRB CARSWELL FIELD / TX657002404200 / (1) / (3)	69	1	\$51,371	\$0
NEDERLAND AIR NATIONAL GUARD COMM / TX657282591500	1	0	\$11	\$0
FORMERLY USED DEFENSE SITES				
ALAMO FIELD / TX69799F649500	1	0	\$311	\$0
ALICE AIRPORT / TX69799F647300	1	0	\$34	\$0
ATLAS AF FAC S-2 / TX69799F650400	3	0	\$330	\$0
ATLAS AF FACILITY S-11 / TX69799F651300	2	0	\$104	\$0
ATLAS AF FACILITY S-3 / TX69799F650500	1	0	\$351	\$0
ATLAS AF FACILITY S-4 / TX69799F650600	1	0	\$0	\$0
ATLAS AF FACILITY S-5 / TX69799F650700	1	0	\$10	\$0
ATLAS AF FACILITY S-6 / TX69799F650800	1	0	\$0	\$0
BERGSTROM BG-80 / TX69799F670300	1	0	\$128	\$0
BERGSTROM TVOR ANNEX / TX69799F670200	1	0	\$41	\$0
BLACKLAND AAF / TX69799F651900	1	0	\$144	\$0
BRADY PRISONER OF WAR CAMP / TX69799F742300	1	0	\$7	\$0

Installation / FFID		Total Number of Sites		ncurred gh FY10 000)
	IRP	MMRP	IRP	MMRP
Texas				
BROWNWOOD AAF / TX69799F669300	1	0	\$182	\$0
CABINESS FIELD / TX69799F753500	1	0	\$174	\$0
CACTUS ORDNANCE WORKS / TX69799F668200	0	1	\$0	\$2
CAMP HULEN (CIVILIAN HOUSING) / TX69799F673000	1	0	\$79	\$0
CITY OF GALVESTON (CROCKETT) / TX69799F807800	0	1	\$0	\$45
CITY OF GRAND PRAIRIE PROPERTY / TX69799F988000	0	1	\$0	\$0
COMSTOCK GA FIL AX TM1873 / TX69799F665600	1	0	\$34	\$0
DA-FT WOR DEF NIKE BAT 20 / TX69799F664700	1	1	\$76	\$0
DALHART AF AUX FIELD #1 / TX69799F665300	0	1	\$0	\$0
DALHART GRO GUNN RANGE / TX69799F664900	1	1	\$13	\$0
DELMITA GAP FILLER AX / TX69799F664400	1	0	\$33	\$0
DENTON NIKE (DFW NIKE BAT 1) / TX69799F664800	1	0	\$54	\$0
DRISCOLL FIELD 36 / TX69799F949000	0	1	\$0	\$0
DUNCANVILLE AFS (P-78) / TX69799F664100	1	0	\$41	\$0
DYESS AFB-NIKE DY10 / TX69799F648100	2	0	\$87	\$0
ELLINGTON FIELD GUNNERY RANGE / TX69799F828200	0	1	\$0	\$242
ELLINGTON FIELD, TX (HOUSTON) / TX69799F648200	3	0	\$391	\$0
FANNETT GAP / TX69799F647200	1	0	\$41	\$0
FORT CROCKETT PRIVATE OWNERSHIPS / TX69799F807600	1	0	\$22	\$0
FORT SAN JACINTO / TX69799F838000	1	0	\$5	\$0
FT HOOD-FORMER SWG P / TX69799F645000	1	0	\$0	\$0
FT MCINTOSH / TX69799F663500	0	1	\$0	\$0
FT RINGGOLD / TX69799F663400	1	0	\$296	\$0
GALVESTON INDEPEN SCHOOL DISTRICT (CROCKETT) / TX69799F808100	0	1	\$0	\$41
GARY (EDWARD) AFB / TX69799F662100	3	0	\$2,104	\$0
HEARNE ALIEN ENEMY INTERNMENT CAMP / TX69799F674300	1	0	\$24	\$0
HEREFORD POW CAMP / TX69799F661300	1	0	\$214	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		Throug	ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Texas				
LAREDO AUXILIARY FIELD NO. 1 / TX69799F742800	0	1	\$0	\$0
MIDLAND PREC BOMB RGE #23 / TX69799F656600	0	1	\$0	\$70
MINERAL WELLS MUNICIPAL AIRPORT / TX69799F758100	2	0	\$595	\$0
MOORE AFB (MFVP) / TX69799F648400	1	0	\$154	\$0
MOORE AIRFORCE BASE (USDA SITE / TX69799F804800	1	0	\$336	\$0
NAS HITCHCOCK (FLAMINGO PROP) / TX69799F675500	2	0	\$85	\$0
NAS KINGSVILLE / TX69799F645200	0	1	\$0	\$0
NATIONAL OCEANIC ATMOSPHERIC AGENCY (FT. CROC) / TX69799F808300	0	1	\$0	\$0
NAV LAB TRANSMITTER SITE / TX69799F676100	1	0	\$123	\$0
NAV SHIP BERTH FACILITY / TX69799F645600	1	0	\$0	\$0
NAVY AIR AUXILLIARY LANDING FIELD(PRIVATE) / TX69799F82570(	1	0	\$7	\$0
NIKE BG-40 / TX69799F676500	1	0	\$54	\$0
NOLAN CREEK PARK / TX69799F643700	1	0	\$0	\$0
ORANGE - US STEEL CORP / TX69799F675200	1	0	\$72	\$0
OZONA AF STATION TM-187 / TX69799F655800	1	0	\$41	\$0
PANTEX ORDNANCE (DOE) / TX69799F676300	2	1	\$347	\$2
PECOS AAF CRYS AUX FLD #5 / TX69799F671900	0	1	\$0	\$0
PECOS AAF HIGH AUX FLD #1 / TX69799F671600	0	1	\$0	\$0
PECOS AAF RAD RGE SITE / TX69799F672000	0	1	\$0	\$0
PECOS AAF TOY AUX FLD #4 / TX69799F671800	0	1	\$0	\$0
RANDOLPH MIL AF / TX69799F644000	1	1	\$19	\$0
RIVERSIDE PRISONER OF WAR CAMP / TX69799F742700	1	0	\$87	\$0
ROCKPORT AFS (AC&W) / TX69799F673600	2	0	\$160	\$0
ROCKPORT AIRPORT / TX69799F645400	0	1	\$0	\$0
SABINE PASS HARBOR FORTS / TX69799F915500	0	1	\$0	\$0
TACAN SITE / TX69799F946100	1	0	\$13	\$0
TEXAS A & M UNIVERSITY (CROCKETT) / TX69799F807900	0	1	\$0	\$0

Installation / FFID	Total Number of Sites			
	IRP	MMRP	IRP	MMRP
Texas				
U. S. NAVAL RESERVATION PORT ISABEL / TX69799F781400	1	0	\$0	\$0
VAN VLECK GAP FILLER / TX69799F647000	1	0	\$59	\$0
ZAPATA AFS / TX69799F674400	1	0	\$16	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10
	IRP	MMRP	IRP	MMRP
Utah				
ARMY				
FORT DOUGLAS / UT821402027800	9	0	\$2,871	\$0
GREEN RIVER TEST SITE / UT821412263800	24	0	\$4,524	\$0
USARC LOGAN / UT821042099700	8	0	\$0	\$0
USARC OGDEN / UT821042172000	9	0	\$0	\$0
USARC OGDEN (AMSA 31) / UT82104UT00500	6	0	\$0	\$0
USARC OGDEN DEPOT / UT821042300400	11	0	\$0	\$0
USARC PLEASANT GROVE / UT821042252300	4	0	\$0	\$0
USARC PROVO / UT821046FP1000	8	0	\$0	\$0
USARC SALT LAKE CITY / UT821042195000	8	0	\$0	\$0
USARC SALT LAKE CITY (ASF 24) / UT82104UT01100	7	0	\$0	\$0
NAVY				
MAGNA NIROP / UT817002727700	16	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
ABANDONED GRAVEL PIT / UT89799F502100	0	1	\$0	\$108
BUCKHORN WASH UNDERGROUND EXPLOSIVE SITE NO. 8 / UT89799F502500	0	1	\$0	\$245
CARRINGTON ISLAND PRECISION BOMBING RANGE / UT89799F685700	0	1	\$0	\$14
DUGWAY PROVING GROUND SOUTH TRIANGLE / UT89799F806800	0	1	\$0	\$273
HURRICANE MESA TEST SITE / UT89799F501600	0	1	\$0	\$754
OGDEN NATURE CENTER / UT89799FA20300	0	1	\$0	\$0
SALT LAKE CITY ARMY AIR BASE GUNNERY RANGE / UT89799F503700	0	1	\$0	\$542
SHEEP BURIAL SITE (WHITE ROCK RANCH) / UT89799F809300	1	1	\$372	\$0
SKULL VALLEY SHEEP BURIAL SITE / UT89799F805300	1	0	\$105	\$0
YELLOW JACKET TARGET AREA / UT89799F825000	0	1	\$0	\$6,557

Installation / FFID	Total Number of Sites		Throug	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Vermont					
ARMY					
CHESTER USARC / VT121042174600	6	0	\$0	\$0	
ETHAN ALLEN FIRING RANGE / VT121182271800	11	0	\$72	\$0	
TS CAMP JOHNSON / VT1211850A2500	1	3	\$0	\$0	
USARC MONTPELIER / VT121041AT1600	7	0	\$0	\$0	
USARC RUTLAND (COURCELLE) / VT121041AT2000	6	0	\$0	\$0	
FORMERLY USED DEFENSE SITES					
BURLINGTON INT-L ARPT / VT19799F217100	1	1	\$97	\$0	
FORT ETHAN ALLEN / VT19799F216000	1	0	\$125	\$0	
FT. ETHAN ALLEN ARTRNG / VT19799F216500	0	1	\$0	\$75	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites  IRP MMRP				gh FY10
	IRP			MMRP		
Virgin Islands of the U.S.						
FORMERLY USED DEFENSE SITES						
BUCK ISLAND UNDERWATER DEMOLTN TRAING FAC / VI29799F419500	0	1	\$0	\$74		
FORMER FORT SEGARRA / VI29799F419300	0	1	\$0	\$2,980		
MARINE CORPS AIR FAC / VI29799F419200	1	0	\$0	\$0		

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Virginia				
ARMY				
AFRC LYNCHBURG / VA321041CS3500	2	0	\$0	\$0
ARLINGTON HALL STATION / VA321002003100	1	0	\$0	\$0
ARMY RESEARCH LABORATORY-WOODBRIDGE / VA321382098100 / (1) / (3)	47	0	\$12,721	\$0
CAMP PENDLETON SMR / VA321185141900	0	3	\$0	\$0
DEFENSE MAPPING AGENCY - HERNDON / VA321022135400 / (1)	3	0	\$911	\$0
FAMILY HOUSING MANASSAS / VA321385132500	2	0	\$0	\$0
FAMILY HOUSING NIKE NORFOLK 85 / VA321375147000	3	0	\$0	\$0
FAMILY HOUSING WOODBRIDGE / VA321025195400	1	0	\$0	\$0
FORT MYER / VA321022062600	7	1	\$3,924	\$45
FORT PICKETT / VA321402070500 / (1)	6	1	\$11,271	\$0
FORT PICKETT ARNG MTC / VA321185154100 / (3)	1	1	\$960	\$296
USARC ABINGDON / VA321042192200	5	0	\$0	\$0
USARC ALEXANDRIA / VA321042244100	3	0	\$0	\$0
USARC ALEXANDRIA (JONES POINT) / VA321041JS0400	5	0	\$0	\$0
USARC CHARLOTTESVILLE / VA321041CS1000	1	0	\$0	\$0
USARC CHESTERFIELD (AMSA 90) / VA321041CSG300	8	0	\$0	\$0
USARC CHINCOTEAGUE (WALLOPS IS) / VA321042254300	5	0	\$0	\$0
USARC CHRISTIANSBURG (AMSA 89) / VA321041CSG200	9	0	\$0	\$0
USARC CHURCHLAND (PORTSMOUTH) / VA321041CS4800	3	0	\$0	\$0
USARC COVINGTON / VA321042192300	2	0	\$0	\$0
USARC GALAX / VA321041CS2800	5	0	\$0	\$0
USARC HAMPTON / VA32104VA03500	10	0	\$0	\$0
USARC HAMPTON (MARCELLA ROAD) / VA321042140800	7	0	\$0	\$0
USARC MARTINSVILLE / VA321041CS4000	1	0	\$0	\$0
USARC NORFOLK / VA321042065500	4	0	\$0	\$0
USARC RADFORD (NEW RIVER) / VA321042253000	3	0	\$0	\$0
USARC RICHMOND (DERVISHIAN) / VA321042291600	7	0	\$0	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred h FY10 00)
	IRP	MMRP	IRP	MMRP
Virginia				
USARC RICHMOND 01 (MONTEITH) / VA321042176900	2	0	\$0	\$0
USARC SALEM, VA / VA321042177000	2	0	\$0	\$0
USARC SPRINGFIELD (AMSA 91) / VA32104VA01900	8	0	\$0	\$0
USARC WARSAW / VA321041CS6800	1	0	\$0	\$0
USARC WAYNESBORO / VA321041CS7000	1	0	\$0	\$0
VINT HILL FARMS STATION / VA321382093100 / (1) / (3)	37	0	\$12,143	\$0
VIRGINIA AVIATION SUPPORT FACILITY / VA321185123000	3	0	\$0	\$0
NAVY				
ARLINGTON HEADQUARTERS BATTALION / VA317302413500	1	0	\$44	\$0
ARLINGTON SERVICE CENTER / VA317002755800	3	0	\$2,100	\$0
DAM NECK FCTC / VA317002293900	11	0	\$754	\$0
DRIVER NAVRADSTA / VA317002251600 / (1) / (3)	11	0	\$7,043	\$0
PORTSMOUTH NAVMEDCTR / VA317002481800	2	0	\$42	\$0
FORMERLY USED DEFENSE SITES				
AAA, HUNTLEY MEADOWS / VA39799F164500	1	1	\$91	\$57
ALESHIRE QUARTERMASTER DEPOT / VA39799F164800	1	0	\$0	\$0
AVTEX FIBERS / VA39799FA19300	1	0	\$4,279	\$0
BYRD FIELD / VA39799F165300	2	0	\$395	\$0
CAPE CHARLES AFS / VA39799F156400	2	0	\$901	\$0
CAPE CHARLES AFS BUNKER / VA39799F156500	1	0	\$78	\$0
FISHERMAN ISLAND / VA39799F157300	1	0	\$128	\$0
FORT PICKETT ARMY AIRFIELD / VA39799F167400	1	0	\$110	\$0
FORT WOOL / VA39799F158300	0	1	\$0	\$160
JAMES RIVER SHIPBUILDING / VA39799F172700	1	1	\$73	\$2
MICROWAVE STA , VA / VA39799F165800	1	0	\$43	\$0
MIDLOTHIAN MICRO ST S / VA39799F159800	1	0	\$39	\$0

Installation / FFID	Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Virginia				
NANSEMOND ORDNANCE DEPOT ST PL / VA39799F156800	1	0	\$138	\$0
NAVAL COMMUNICATIONS FACILITY / VA39799F854400	1	0	\$78	\$0
NEW RIVER ORDNANCE PLANT / VA39799F156900	1	0	\$585	\$0
NIKE N-36 (LYNNHAVEN) / VA39799F160900	1	0	\$747	\$0
NIKE N-63 (SUFFOLK) / VA39799F156600	1	0	\$167	\$0
NIKE N-75 (CARROLLTON PARK) / VA39799F156000	1	0	\$128	\$0
NIKE W-74 (FAIRFAX) / VA39799F167500	1	0	\$0	\$0
NIKE W-83 (DRANESVILLE) / VA39799F163800	1	0	\$129	\$0
PETERSBURG AIRPORT / VA39799F839200	1	0	\$34	\$0
Q M MARKET CNTR / VA39799F164900	1	0	\$23	\$0
USA RECRUITING CMD / VA39799F163100	1	0	\$42	\$0
VIRGINIA MICROWAVE STA / VA39799F162800	1	0	\$40	\$0
VIRGINIA STATE FUEL FARM / VA39799F168800	2	0	\$1,171	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10 (00)
	IRP	MMRP	IRP	MMRP
Washington				
ARMY				
AFRC BELLINGHAM (STEVENS) / WA0210462Q0500	8	0	\$0	\$0
AFRC ELLENSBURG / WA0210462Q0700	4	0	\$0	\$0
AFRC PORT ORCHARD / WA0210462Q1800	1	0	\$0	\$0
AFRC TACOMA / WA021046GQ4400	1	0	\$0	\$0
AFRC YAKIMA / WA0210462Q5800	2	0	\$0	\$0
COL EDITH M. NUTTAL USARC / WA021042090500	3	0	\$0	\$0
FAMILY HOUSING NIKE SEATTLE 43 MIDWAY / WA021405374400	3	0	\$0	\$0
FAMILY HOUSING SEATTLE NIKE 32 33 / WA021405373300	3	0	\$0	\$0
FORT LAWTON USAR COMPLEX / WA02104WA01300	13	3	\$0	\$3
KENT NATIONAL GUARD FACILITY / WA021182441000	4	0	\$0	\$0
REDMOND ARNG FACILITY / WA021185312000	6	0	\$0	\$0
RUSTON WAY PROPERTY / WA021185300000	7	0	\$0	\$0
USARC BOTHELL / WA0210462Q0600	3	0	\$0	\$0
USARC CLARKSTON / WA021046GQ0300	1	0	\$0	\$0
USARC EVERETT / WA021046GQ0900	7	0	\$0	\$0
USARC KENNEWICK / WA021046GQ1500	7	0	\$0	\$0
USARC LONGVIEW / WA0210462Q1200	3	0	\$0	\$0
USARC MOSES LAKE / WA0210462Q1400	1	0	\$0	\$0
USARC PASCO / WA0210462Q1600	1	0	\$0	\$0
USARC REDMOND / WA021042140200	1	0	\$0	\$0
USARC SPOKANE / WA021042201800	12	0	\$0	\$0
USARC TRENTWOOD (AMSA 8) / WA021046GQ7800	8	0	\$0	\$0
USARC WALLA WALLA / WA0210462Q5500	1	0	\$0	\$0
USARC WENATCHEE / WA021046GQ5600	2	0	\$0	\$0
USARC YAKIMA (PENDLETON) / WA02104WA04500	7	0	\$0	\$0
YAKIMA TRAINING CENTER / WA021402098900 / (3)	51	10	\$2,056	\$174

Installation / FFID		lumber Sites	Costs Incurred Through FY10 (\$000)	
		MMRP	IRP	MMRP
Washington				
NAVY				
EVERETT NRC / WA017002297900	1	0	\$310	\$0
JIM CREEK NAVRADSTA / WA017002248900	10	1	\$785	\$115
SEATTLE NAVRESREDCEN / WA017002341200	1	0	\$887	\$0
SPOKANE NMCRC / WA017002341400	1	0	\$151	\$0
TACOMA NMCRC / WA017002341500	1	0	\$0	\$0
AIR FORCE				
BELLINGHAM MUNICIPAL AIRPORT / WA057282840200	1	0	\$329	\$0
FOUR LAKES COMM AIR GUARD STATION / WA057282623700	4	0	\$2,324	\$0
KINGSLEY AIR FORCE STATION / OR057282889701	1	0	\$194	\$0
SPOKANE INTERNATIONAL AIRPORT / WA057282429300	1	0	\$1,742	\$0
FORMERLY USED DEFENSE SITES				
ARLINGTON AIRPORT / WA09799F155800	1	0	\$34	\$0
BELLINGHAM ARMY AIR FIELD / WA09799F322700	1	0	\$46	\$0
BLAINE AFS / WA09799F318600	2	0	\$375	\$0
CAMP HAYDEN / WA09799F323800	1	0	\$58	\$0
COLVILLE AIR FORCE STA / WA09799F324600	1	0	\$59	\$0
COUGAR MT. NIKE 20 / WA09799F317800	3	0	\$594	\$0
COUGAR MTN. AAA SITE / WA09799F338200	1	0	\$39	\$0
EPHRATA ARMY NG GD FAC / WA09799F325900	1	0	\$20	\$0
EPHRATA BOMBING TARGET / WA09799F326000	0	1	\$0	\$178
EPHRATA GROUND TO GROUND GUNNERY RANGE / WA09799F933200	0	1	\$0	\$78
FAIRCHILD AFB ATLAS E MISSILE S-4 / WA09799F326700	1	0	\$673	\$0
FAIRCHILD AFB ATLAS E S-3 / WA09799F326600	1	0	\$23	\$0
FAIRCHILD ATLAS E S-9 / WA09799F327200	2	0	\$405	\$0
FAIRCHILD DEFENSE AREA NIKE 07 / WA09799F327700	1	0	\$46	\$0
FAIRCHILD DEFENSE AREA NIKE 45 / WA09799F327900	1	0	\$68	\$(

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Total Number of Sites		of Sites Throu		Throug	ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP		
Washington						
FORT CANBY / WA09799F151600	1	0	\$89	\$0		
FORT COLUMBIA MIL. RES. / WA09799F328700	1	1	\$86	\$203		
FORT EBEY MIL RESERVATION / WA09799F328800	1	0	\$68	\$0		
FORT WARD-BAINBRIDGE ISLAND AAA BATTERY 7 / WA09799F144600	1	0	\$264	\$0		
FORT WHITMAN / WA09799F329400	1	0	\$0	\$0		
FORT WORDEN / WA09799F329500	2	0	\$436	\$0		
GEIGER AIRFIELD / WA09799F340300	2	0	\$5,888	\$0		
GEO WRIGHT AIR FORCE BASE / WA09799F329800	2	0	\$587	\$0		
IONE GAP FILLER (P-60A) / WA09799F319900	1	0	\$77	\$0		
KINGSTON NIKE 92 / WA09799F319100	3	0	\$256	\$0		
LARSON AFB TITAN I MISSILE FACILITY S-3 / WA09799F332000	1	0	\$23	\$0		
MANCHESTER AAA SITE / WA09799F338000	1	0	\$111	\$0		
MANCHESTER ANNEX / WA09799F832600 / (1) / (3)	2	0	\$12,753	\$0		
NASELLE AFS / WA09799F321100	2	0	\$472	\$0		
NAVAL RTS - BATTLE POINT / WA09799F832800	2	0	\$390	\$0		
NAVAL SECURITY GROUP MARIETTA RADIO DIRECTION FF / WA09799FA22600	1	0	\$1,166	\$0		
NIKE MIDWAY 43 / WA09799F343600	2	0	\$145	\$0		
NORTHWEST CENTER / WA09799F850800	1	0	\$175	\$0		
OLALLA NIKE 62 / WA09799F319300	2	0	\$53	\$0		
PAINE FIELD / WA09799F318800	3	2	\$2,781	\$95		
POULSBO NIKE 81 / WA09799F318700	1	0	\$186	\$0		
PUGET SOUND NAVAL AMMO DEPOT / WA09799F343900	1	1	\$231	\$2,242		
RADIO RELAY ANNEX NO 4 / WA09799F320400	1	0	\$13	\$0		
RADIO RELAY ANNEX NO 5 / WA09799F320300	1	0	\$13	\$0		
RADIO RELAY ANNEX NO 7 / WA09799F320800	1	0	\$13	\$0		
RADIO RELAY ANNEX NO. 3 / WA09799F320100	1	0	\$13	\$0		
RADIO RELAY ANNEX NO. 6 / WA09799F320200	1	0	\$13	\$0		

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
Washington					
RADIO RELAY ANNEX NO.2 / WA09799F320600	1	0	\$13	\$0	
REDMOND NIKE 13-14 / WA09799F319500	3	0	\$818	\$0	
SEATTLE ARMY CHEM PLANT / WA09799F337600	0	1	\$0	\$48	
SILVER LAKE AWS STATION / WA09799F340100	1	0	\$0	\$0	
TACOMA AF POL RET DIT STA / WA09799F340700	1	0	\$109	\$0	
TACOMA STORAGE SITES, USGS / WA09799F789000	1	0	\$62	\$0	
TULALIP MUNITIONS DEPOT / WA09799F318900	0	1	\$0	\$7,538	
VASHON NIKE 61 / WA09799F319700	1	0	\$187	\$0	
WALLA WALLA ARMY AIR FLD / WA09799F342300	1	0	\$1,173	\$0	
WINSLOW NIKE 82 / WA09799F319200	1	0	\$0	\$0	
YOUNGS LAKE NIKE 32-33 / WA09799F319400	2	0	\$687	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		lumber Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
West Virginia				
ARMY				
AFRC MORGANTOWN / WV32104WV02800	5	0	\$0	\$0
AFRC SOUTH CHARLESTON (AMSA 107) / WV321042202200	7	0	\$0	\$0
POINT PLEASANT OMS #6 / WV321185413500	3	0	\$0	\$0
USARC BEAVER / WV3210416U0400	2	0	\$0	\$0
USARC BLUEFIELD / WV321042237900	5	0	\$0	\$0
USARC CLARKSBURG / WV321042243000	3	0	\$0	\$0
USARC EAST RAINELLE / WV32104WV03300	4	0	\$0	\$0
USARC ELKINS / WV321042385400	4	0	\$0	\$0
USARC FAIRMONT / WV3210416U1100	3	0	\$0	\$0
USARC GRAFTON / WV3210416U1500	3	0	\$0	\$0
USARC GRANTSVILLE / WV3210416U1800	4	0	\$0	\$0
USARC HUNTINGTON / WV32104WV01700	3	0	\$0	\$0
USARC JANE LEW / WV3210416U7000	1	0	\$0	\$0
USARC LEWISBURG, WV / WV321042385800	1	0	\$0	\$0
USARC MARTINSBURG / WV321042255800	4	0	\$0	\$0
USARC NEW MARTINSVILLE / WV321042265900	4	0	\$0	\$0
USARC PARKERSBURG / WV32104WV04600	3	0	\$0	\$0
USARC PARKERSBURG (AMSA 114) / WV321042195200	5	0	\$0	\$0
USARC RIPLEY / WV32104WV03700	3	0	\$0	\$0
USARC ROMNEY / WV321042286500	4	0	\$0	\$0
USARC VALLEY GROVE (AMSA 109) / WV32104WV03900	6	0	\$0	\$0
USARC WEIRTON / WV321042235200	3	0	\$0	\$0
USARC WHEELING / WV321042202000	3	0	\$0	\$0
NAVY				
SUGAR GROVE NSGA / WV317002754000	3	0	\$0	\$0

Installation / FFID		Total Number of Sites		Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP	
West Virginia					
AIR FORCE					
YEAGER AIRPORT / WV357282589100	5	0	\$953	\$0	
FORMERLY USED DEFENSE SITES					
GUTHRIE AFS / WV39799F346900	2	0	\$13	\$0	
JEFFERSON CO TRANSMITTER / WV39799F347000	2	0	\$115	\$0	
JEFFERSON COUNTY RECEIVER / WV39799F346700	2	0	\$109	\$0	
MORGANTOWN OW / WV39799F346200	1	0	\$1,636	\$0	
WV MANEUVER AREA / WV39799F346500	1	0	\$669	\$0	
WV MANEUVER AREA/DOLLY SODS / WV39799F346000	0	1	\$0	\$4,005	
YEAGER AIR NATIONAL GUARD / WV39799F711600	2	0	\$494	\$0	

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID		Total Number of Sites		ncurred th FY10 (00)
	IRP	MMRP	IRP	MMRP
Wisconsin				
ARMY				
458TH C&C DS/GS STG FACILITY / WI521044740600	12	0	\$0	\$0
AMSA #139 (G) / WI52104WI03600	13	0	\$0	\$0
AMSA #155 (G) / WI52104WI00900	8	0	\$0	\$0
ANDREW MILLER USARC/OMS / WI521044340800	8	0	\$0	\$0
APPLETON USARC/OMS / WI521042176100	2	0	\$0	\$0
BEAVER DAM MEMORIAL USARC/OMS / WI521042226200	3	0	\$0	\$0
DODGEVILLE MEMORIAL USARC / WI521042284400	5	0	\$0	\$0
ELLSWORTH USARC / WI521042386300	7	0	\$0	\$0
FAMILY HOUSING SUN PRAIRIE / WI521405516500	1	0	\$0	\$0
FOND DU LAC USARC/OMS / WI521042162700	2	0	\$0	\$0
FORT MCCOY / WI521042056300 / (1) / (3)	18	0	\$8,899	\$0
FORT MCCOY USARC (ECS 67) / WI5210443G6700	14	0	\$0	\$0
MENASHA USARC / WI521044M44900	3	0	\$0	\$0
MILWAUKEE (LOGAN) USARC/OMS / WI521042135300	3	0	\$0	\$0
MILWAUKEE USARC/AMSA#49 / WI52104WI06400 / (1)	16	0	\$137	\$0
USARC CHIPPEWA FALLS / WI521044740000	5	0	\$0	\$0
USARC DE PERE (AMSA 51) / WI52104WI00700	9	0	\$0	\$0
USARC EAU CLAIRE (KEITH) / WI521042178100	7	0	\$0	\$0
USARC GREEN BAY (BUCHANAN STREET) / WI521044340500	6	0	\$0	\$0
USARC HURLEY (AMSA 52 SUB 1) / WI5210447GS300	8	0	\$0	\$0
USARC LADYSMITH / WI521042295300	7	0	\$0	\$0
USARC MADISON (O'CONNELL) / WI521042212300	3	0	\$0	\$0
USARC MILWAUKEE (AMSA 49) / WI52104WI06300	11	0	\$0	\$0
USARC ONALASKA (AMSA 53) / WI52104WI05800	6	0	\$0	\$0
USARC OSHKOSH / WI521042207000	2	0	\$0	\$0
USARC PEWAUKEE / WI521042195300	3	0	\$0	\$0
USARC RACINE / WI521044M46000	3	0	\$0	\$0

Installation / FFID		lumber Sites	Costs Incurred Through FY10 (\$000)	
	IRP	MMRP	IRP	MMRP
Wisconsin				
USARC SPARTA (FORT MCCOY 240) / WI521044346300	1	0	\$0	\$0
WAUSAU USARC (EXCESS) / WI521042176000	4	0	\$0	\$0
WILLIAM F FALE USARC/OMS / WI521044M45900	1	0	\$0	\$0
WILLIAM J HUEMPFNER USARC / WI521042212900	4	0	\$0	\$0
AIR FORCE				
GENERAL MITCHELL AIR FORCE BASE / WI557122429900	10	0	\$1,996	\$0
GENERAL MITCHELL INTERNATIONAL AIRPORT / WI557282841100	9	0	\$1,261	\$0
TRUAX FIELD / WI557282424700	9	0	\$1,748	\$0
FORMERLY USED DEFENSE SITES				
AIR FORCE PLANT #58 / WI59799F245400	1	0	\$176	\$0
BADGER ARMY AMM PLANT / WI59799F246600	3	0	\$329	\$0
BRANCH US DISPL BARR / WI59799F243700	1	0	\$0	\$0
BROOKS GAP FILLER AX / WI59799F243900	1	0	\$18	\$0
EAU CLAIRE OP #1 / WI59799F244900	1	0	\$3,160	\$0
MILWAUKEE OP / WI59799F245100	1	0	\$3	\$0
NIKE M-20/LAKE PARK GROUNDS / WI59799F244500	2	0	\$149	\$0
NIKE M-96/HAVENWOODS NATURE PRESERVE / WI59799F685000	3	0	\$588	\$0
NIKE SITE M-42 / WI59799F685100	1	0	\$205	\$0
NIKE SITE M-54 / WI59799F685300	1	0	\$187	\$0
NIKE SITE M-64 / WI59799F685400	2	0	\$502	\$0
NIKE SITE M-74 / WI59799F685500	3	0	\$1,316	\$0
NIKE SITE MSP-20 / WI59799F244400	3	0	\$387	\$0
OSCEOLA AFS / WI59799F243500	1	0	\$330	\$0
RACINE ORD. VEHICLE TEST TRACK / WI59799F247400	1	0	\$0	\$0
RICHARD BONG AFB / WI59799F243400	1	0	\$0	\$0
TOMAH AAF TECH TNG / WI59799F243600	1	0	\$22	\$0

<sup>(1)</sup> Five-Year Review Completed, (2) Five-Year Review Underway, (3) Five-Year Review Planned for Future

Installation / FFID	Installation / FFID		Total Number of Sites		ncurred h FY10 00)
		IRP	MMRP	IRP	MMRP
Wisconsin					
TRUAX AAF / WI59799FA21000		2	0	\$25	\$0
TWO CREEKS / WI59799F244200		1	0	\$93	\$0
WILLIAMS BAY AFS / WI59799F244300		1	0	\$217	\$0

Installation / FFID		Total Number of Sites		ncurred th FY10 00)
	IRP	MMRP	IRP	MMRP
Wyoming				
ARMY				
SHERIDAN AFRC / WY821046FR0600	5	0	\$0	\$0
USARC CHEYENNE / WY821046FR0400	2	0	\$0	\$0
FORMERLY USED DEFENSE SITES				
CASPER PRE BOMB RGE NO 2 / WY89799F087400	0	1	\$0	\$99
CASPER PRE BOMB RGE NO 4 / WY89799F087600	0	1	\$0	\$102
SPLIT ROCK AIR TO AIR GUNNERY RANGE / WY89799F088200	0	1	\$0	\$119
SUNDANCE AF STA Z-201 / WY89799F091500	1	0	\$224	\$0
SUNDANCE FAM HOU AX / WY89799F091800	3	0	\$673	\$0
SUNDANCE WASTE ANNEX / WY89799F091600	1	0	\$74	\$0
TORRINGTON NG TARGET RGE / WY89799F092100	0	1	\$0	\$2

Location	Costs Incurred Through FY10 (\$000)
Alaska	-11
DEFENSE LOGISTICS AGENCY	
Arctic Surplus Site*	\$13,681
Alaska Battery Site	\$100
Alabama	
DEFENSE LOGISTICS AGENCY	
Bone Site	\$593
Fuels and Chemicals Site	\$335
Arizona	
AIR FORCE	
Tuscon IAP	\$3,812
California	
ARMY	
Fresno Drum Site	\$221
NAVY	
Lubrication Co. of America	\$247
Operating Industries	\$1,134
AIR FORCE	
Stringfellow Site	\$5,124
Punity Oil Sales	\$479
DEFENSE LOGISTICS AGENCY	
Fresno Drum Site	\$379
Bay Area Drum Site	\$252
Garvey Avenue Site	\$844
Lost Hills Dump Site	\$153
Colorado	
AIR FORCE	
Lowry Cogeneration Site	\$165
Delaware	
AIR FORCE	
Kent Co/Houston Landfill Site	\$184

Greater Than \$100,000 Detense	Environmental Restoration Flogram
Location	Costs Incurred Through FY10 (\$000)
Florida	
NAVY	
Hipps Road	\$4,385
Pioneer Sand and Gravel	\$2,298
DEFENSE LOGISTICS AGENCY	
Ellis Road Site	\$1,124
Petroleum Products Site	\$134
Yellow Water Road Site	\$2,675
Indiana	
DEFENSE LOGISTICS AGENCY	
Bird Site	\$207
Kansas	
DEFENSE LOGISTICS AGENCY	
Chemical Commodity Site	\$1,525
Kentucky	
NAVY	
Maxey Flats	\$5,800
Louisiana	
DEFENSE LOGISTICS AGENCY	
Vining Site	\$215
Massachusetts	,
ARMY	
Cape Cod Cranberry Growers Assn	\$836
AIR FORCE	
Ravenbrook Farms	\$73
Maryland	
DEFENSE LOGISTICS AGENCY	
Roger's Electric Site	\$373
Maine	
NAVY	
Hooper Sands	\$2,940

Location	Costs Incurred Through FY10 (\$000)
AIR FORCE	
McKin Site	\$3,845
DEFENSE LOGISTICS AGENCY	
Eastern Surplus Site	\$1,878
McKin Co. Site (DFSC)	\$145
Mississippi	
AIR FORCE	
NASA Stennis Space Center	\$262
NCBC Gulfport Dioxin Site	\$857
Berlin and Farro NPL Site	\$323
DEFENSE LOGISTICS AGENCY	
Enterprise Recovery Site	\$172
Montana	
AIR FORCE	
Jacobs Drum Site	\$183
Bootlegger Trail	\$806
Wire Mill Road	\$200
DEFENSE LOGISTICS AGENCY	
Manganese Pile Site, (DNSC)	\$1,323
North Carolina	
DEFENSE LOGISTICS AGENCY	
Ginn Site	\$140
National Pin Site	\$455
Snipes Site	\$176
New Hampshire	
AIR FORCE	
Gomez Percol Site	\$299
New Mexico	
AIR FORCE	
South Valley	\$4,307

Location	Costs Incurred Through FY10 (\$000)
Nevada	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DEFENSE LOGISTICS AGENCY	
Buck's War Surplus Site*	\$1,935
New York	
AIR FORCE	
Philmar Site	\$1,301
Ohio	
AIR FORCE	
Pristine Inc.	\$233
Cleanup Former Base	\$660
DEFENSE LOGISTICS AGENCY	
Summit Site	\$24,347
Oklahoma	
AIR FORCE	
Mosley Road	\$114
DEFENSE LOGISTICS AGENCY	
Snow Valley Ranch Site	\$108
Pennsylvania	
AIR FORCE	
Sunset Golf Course	\$2,553
Rhode Island	
NAVY	
LLR Site, Smithfield	\$194
South Carolina	
NAVY	
Truman Annex Excess Land	\$381
Federal Service Center	\$41:
Aquatech, Greer	\$125
DEFENSE LOGISTICS AGENCY	
Aqua-Tech Site	\$12

Location	Costs Incurred Through FY10 (\$000)
Texas	
AIR FORCE	
Bio-Ecology Site	\$1,380
DEFENSE LOGISTICS AGENCY	
Calcium hypochloride Site	\$129
Utah	
DEFENSE LOGISTICS AGENCY	
North American Site	\$405
Ottley Pasture Site	\$633
Virginia	
DEFENSE LOGISTICS AGENCY	
Fine Petroleum Site	\$100
Cylinders Site (CAAE)	\$200
Washington	
AIR FORCE	
Colbert Landfill	\$1,450
West Virginia	
AIR FORCE	
J F & M Transformer Site	\$127
DEFENSE LOGISTICS AGENCY	
J F & M Site	\$133

# **Environmental Restoration Narratives**

This appendix contains narratives describing environmental restoration progress and funding at 191 Department of Defense (DoD) installations and former Defense properties. These narratives summarize Defense Environmental Restoration Program activities at:

- Active DoD installations and Formerly Used Defense Sites that are on, or proposed for, the U.S. Environmental Protection Agency's National Priorities List (NPL); and
- Base Realignment and Closure installations that are closed or identified for closure with significant environmental restoration costs as of September 30, 2010.

The NPL is a list of the installations and properties with known releases or threatened releases of hazardous substances or pollutants or contaminants throughout the United States and its territories. Currently, unexploded ordnance and discarded military munitions are not considered in the hazard ranking system (HRS) score, which is the primary method for placing installations and properties on the NPL.

# **Environmental Restoration Narrative Format**

Each narrative provides specific information about the installation and its progress toward restoration goals. The box at the top of the narrative (Top Box) displays the:

- Federal Facility Identification (FFID) number
- Location and size in acres
- Mission
- Hazard Ranking System (HRS) score
- Interagency agreement (IAG) status
- Contaminants found at the installation
- Media affected
- Total funding to date
- Estimated cost-to-complete (CTC) and completion year (the estimated time in which the installation will complete all response actions)
- Number of sites
- Final remedy in place (RIP) or response complete (RC) dates for DERP sites in the Installation Restoration Program (IRP) and the Military Munitions Response Program (MMRP)
- Five-year review report status
- Reference to additional information

Figure F-1 describes each of these data elements in more detail. The narratives summaries include an IRP/MMRP status figure and also highlight the installation's restoration history and planned efforts. The "Introduction" section provides background information on the installation and summarizes important environmental restoration events. The next two sections of each narrative, "FY10 IRP Progress" and "FY10 MMRP Progress," address current year environmental restoration progress. The final section, entitled "Plan of Action," includes information on the IRP and MMRP activities that the installation will conduct during the next two fiscal years. An installation may be delayed in completing a previous fiscal year's planned activity due to administrative, regulatory, or technical issues.

# Requirements

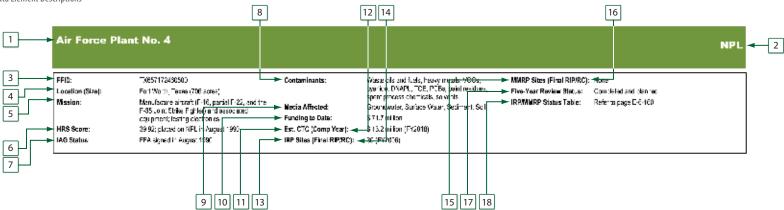
This appendix fulfills these statutory reporting requirements:

- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) §120(e)(5)
- Superfund Amendments and Reauthorization Act §211

## **Environmental Restoration Narrative Status**

Figure F-2 provides a summary of the 191 narratives that have installations on the National Priorities List (NPL), proposed for the NPL, and Base Realignment and Closure (BRAC) installations that have undergone or have been identified for closure or realignment. The header of each narrative identifies current and former installation names and its NPL/BRAC status. The BRAC status reflects Commission. actions impacting the installations, not the funding source. Installations realigned under BRAC 2005 continue to receive funding for cleanup activities from the DoD Component's Environmental Restoration Account.

Figure F-1 **Data Element Descriptions** 



### **Data Element Description**

- 1 Installation Name—provides the name of the DoD installation or Formerly Used Defense Sites (FUDS) property.
- NPL/BRAC Status—if NPL or proposed NPL is displayed, indicates that the DoD installation or FUDS property is listed on or has been proposed for listing on the U.S. Environmental Protection Agency's (EPA's) NPL. The NPL is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. If BRAC is displayed, indicates that the DoD installation has been identified for closure or realignment under one or more of the five BRAC rounds (1988, 1991, 1993, 1995, and 2005).
- Federal Facility Identification Number (FFID)—a unique 14-digit alphanumeric identifier used to manage and track each DoD installation and FUDS property
- 4 Location (Size)—identifies the city or county, and state where the installation is located, and the size of the installation in acres.
- 5 Mission—describes the primary activities conducted at the installation.
- 6 Hazard Ranking System Score—used by the EPA to assess the installation's relative threat to human health and the environment. Sites scoring 28.50 or higher are eligible for placement on the NPL.
- Interagency Agreement (IAG). Status—indicates whether the installation has signed a federal facility agreement (FFA) under CERCLA Section 120's requirement for an interagency agreement (IAG).
- 8 Contaminants—identifies contaminants known or suspected to be present at the installation.
- Media Affected—identifies environmental media known or suspected to be impacted by contaminants at the installation. Media types include groundwater, surface water, sediment, and soil.
- 10 Funding to Date—represents funding allocated to IRP sites and munitions response sites (MRSs) for each phase from the time cleanup activities were initiated through FY08, in millions of dollars.
- 11 Estimated CTC—represents funding projected for allocation to IRP sites and MRSs from FY09 through completion of cleanup activities, including LTM, in millions of dollars.
- Completion Year—represents the projected new year when remedial action, excluding long-term management (LTM), is complete at IRP sites and MRSs. 12
- 13 IRP Sites—represents the total number of IRP sites at the DoD installation or FUDS property.
- 14 Final IRP RIP/RC—represents the date by which all IRP sites will have achieved remedy in place or response complete.
- 15 MMRP Sites (Final MMRP RIP/RC)—represents the total number of MRSs at the DoD installation or FUDS property.
- Final MMRP RIP/RC—represents the date by which all MRSs will have achieved remedy in place or response complete.
- Five-Year Review Status—provides the status of the five-year review for the DoD installation or FUDS property, where such review is required. A five-year review may be completed, underway, planned for the future, or any combination thereof. Five-year reviews may be required for selected sites, not necessarily all sites at a DoD installation or FUDS property.
- 18 IRP/MMRP Status Table references the location of detailed cleanup information for the DoD installation or FUDS property in Appendix E: Installation Restoration Program and Military Munitions Response Program Status Tables.

Figure F-2 Status of Installation Narratives by DoD Component\*

DoD Component	NPL	Proposed NPL	BRAC	Total
Army	35	0	31	53
Navy and Marine Corps	49	0	45	65
Air Force	39	4	44	57
DLA	4	0	2	5
FUDS	11	0	0	11
Total	138	4	122	191

<sup>\*</sup> This report includes 191 environmental restoration narratives. The subtotals do not add to the total because some installations are both NPL and BRAC.

As environmental restoration progresses, some installations previously included in this appendix no longer require a narrative because they have been deleted from the NPL or DoD has determined no further action (NFA) at those properties. No narratives were removed from the NPL in FY10.

Figure F-3 lists installations that previously had narratives in this appendix and the reasons they were removed. It also lists the year of the last Defense Environmental Programs Annual Report to Congress (DEP ARC) containing a complete narrative for that installation. Installations that do not require narratives after this reporting year are noted in the FY10 IRP Progress section. These narratives include Vint Hill Farms Station, Old Navy Dump/Manchester Annex, Sangamo Electric Dump/Crab Orchard National Wildlife Refuge, and Philadelphia Naval Complex.

In FY10, DoD transferred environmental restoration responsibilities from Fort Dix and Lakehurst Naval Engineering Station to McGuire Air Force Base. The newlycreated Joint Base McGuire-Dix-Lakehurst has a BRAC 2005 requirement, BRAC determinations also combined the property and restoration responsibilities of Naval Amphibious Base Little Creek and Fort Story to create Joint Expeditionary Base Little Creek-Fort Story and transferred Andersen Air Force Base to the Navy to create NSA Andersen Guam.

Figure F-4 provides an index of the Appendix F narratives. It lists all of the environmental restoration narratives alphabetically, by DoD Component. For each installation in this appendix, the index also includes the status of the installation (NPL, proposed NPL, or BRAC) and the page on which each restoration narrative is located. BRAC status may refer to installations scheduled for realignment or closure. Each environmental restoration narrative contains at least one unique FFID, which is used to identify and track federal facilities and assist with prioritizing, managing, and tracking environmental projects.

Detailed information on environmental restoration activities at an installation prior to FY10 can be found in the installation narratives from earlier editions of the DEP ARC at http://www.denix.osd.mil

Installations No Longer Requiring Narratives Figure F-3

Installation Name	FFID	State	NPL/BRAC Status	Reason Narrative Archived	Last ARC Full Narrative Appeared
Army					
Army Research Laboratory—Watertown	MA121382093900	MA	NPL/BRAC 1988	The Army has completed all required actions at this installation, and EPA has deleted it from the NPL.	FY08
Army Research Laboratory—Woodbridge	VA321382098100	VA	BRAC 1991	All remedies are in place at this installation and all property has been transferred.	FY01
Cameron Station	VA321022013900	VA	BRAC 1988	All remedies are in place at this installation and all property has been transferred.	FY00
Camp Bonneville	WA021402011200	WA	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY06
Defense Distribution Depot Ogden	UT821002092200	UT	NPL/ BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY03
Detroit Arsenal and Tank Plant	MI521382026800	MI	BRAC 1995	The Army has completed all required actions at this installation. This installation achieved RIP and RC status, and all property has been transferred.	FY02
Fitzsimons Army Medical Center	C0821162033300	CO	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY03
Fort Benjamin Harrison	IN521372040200	IN	BRAC 1991	The Army has completed all required actions at the installation. This installation achieved RIP/RC status and all property has been transferred.	FY00
Fort Chaffee	AR621372018700	AR	BRAC 1995	The Army has completed all required actions at this installation.	FY08
Fort Dix BRAC	NJ221402027500	NJ	BRAC 1995	The Army has completed all required actions at this installation.	FY08
Fort Greely	AK021452215500	AK	BRAC 1995	This installation became part of the Strategic Missile Defense Command and is no longer a BRAC installation.	FY02
Fort Ritchie	MD321022075800	MD	BRAC 1995	The Army has completed all required actions at the installation.	FY08
Fort Pickett	VA321402070500	VA	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY06
Fort Totten	NY221022089700	NY	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY04
Hamilton Army Airfield	CA921402303800	CA	BRAC 1988	The Army has completed all required actions at this installation.	FY08
Hingham Annex	MA121402280500	MA	BRAC 1995	All remedies are in place at this installation and all property has been transferred.	FY03
Lexington Facility	KY421382050900	KY	BRAC 1988	The Army has completed all required actions at this installation.	FY08
Military Ocean Terminal, Bayonne	NJ221352275200	NJ	BRAC 1995	All remedies are in place at the installation and all property has been transferred.	FY02
Presidio of San Francisco	CA921402079100	CA	BRAC 1988	The Army is no longer responsible for restoration activities at the installation. The Presidio Trust will conduct subsequent activities.	FY99
Schofield Barracks	HI921452223900	HI	NPL	The installation has reached the construction complete milestone, and EPA has deleted it from the NPL.	FY00
Sudbury Training Annex	MA121402300900	MA	NPL/ BRAC 1995	All remedies are in place at the installation and all property has been transferred. EPA has deleted the installation from the NPL.	FY03
Sunflower Army Ammunition Plant	KS721382087800	KS	Proposed NPL	EPA withdrew the proposal to place the installation on the NPL, and all property has been transferred.	FY06

Installations No Longer Requiring Narratives Figure F-3, cont.

Installation Name	FFID	State	NPL/BRAC Status	Reason Narrative Archived	Last ARC Full Narrative Appeared
Navy and Marine Corps					
Agana Naval Air Station	GU917002755700	GU	BRAC 1993	The Navy does not require further cleanup.	FY09
Driver Naval Radio Transmitting Facility	VA317002251600	VA	BRAC 1993	The Navy does not require further cleanup.	FY08
Glenview Naval Air Station and Libertyville Training Site	IL517002293000/ IL517009999900	IL	BRAC 1993	The Navy completed transfer of all property and does not require further cleanup.	FY03
Indianapolis Naval Air Warfare Center	IN517002349900	IN	BRAC 1995	The Navy completed the transfer of all land and offshore property and does not require further cleanup.	FY03
Kaho'olawe Island	N/A	HI	N/A	A narrative is not legally required.	FY04
Lakehurst Naval Air Engineering Station	NJ217002727400	NJ	NPL	The Navy does not require further cleanup.	FY09
Louisville Naval Surface Warfare Center	KY417002417500	KY	BRAC 1995	The Navy does not require further cleanup.	FY08
Midway Naval Air Facility	MQ917002758400	MQ	BRAC 1993	The Navy does not require further cleanup.	FY04
Naval Magazine Indian Island	WA017002756800	WA	NPL	EPA deleted the installation from the NPL, and the Navy completed all response actions.	FY05
Oakland Fleet and Industrial Supply Center	CA917002477600	CA	BRAC 1995	The Navy completed the transfer of all land and offshore property and does not require further cleanup.	FY99
Sabana Seca Naval Security Group Activity	PR217002753500	PR	NPL	EPA deleted the installation from the NPL, and no further action (NFA) is required for any sites.	FY99

Installation Name	FFID	State	NPL/BRAC Status	Reason Narrative Archived	Last ARC Full Narrative Appeared
Air Force					
Air Force Plant No. 85	OH557172887000	ОН	Proposed NPL	The Air Force does not require further cleanup.	FY05
Carswell Air Force Base	TX657002404200	TX	BRAC 1991	The Air Force does not require further cleanup.	FY09
Chicago O'Hare International Airport Air Reserve Station	IL557122427200	IL	BRAC 1993	The Air Force does not require further cleanup; however, the Air Force is complying with regulatory requirements for periodic environmental monitoring and reporting.	FY08
Luke Air Force Base	AZ957152413300	AZ	NPL	EPA deleted the installation from the NPL with only remedial action operations and long-term management.	FY02
Minneapolis-St. Paul Air Reserve Base	MN557122427500	MN	NPL	EPA deleted the installation from the NPL, and NFA is required for any sites.	FY99
Roslyn Air Guard Station	NY257282429600	NY	BRAC 1995	The Air Force achieved site closeout (SC) for all sites and does not plan to spend additional restoration funds at this installation.	FY97
Avco Lycoming Superfund Site	PA39799F145100	PA	NPL	DoD requires NFA at this property.	FY96
Former Weldon Spring Ordnance Works	M079799F037400	MO	NPL	DoD requires NFA at this property.	FY06
Jet Propulsion Laboratory	CA99799F546700	CA	NPL	The U.S. Army Corps of Engineers (USACE) does not currently conduct cleanup at this property. NASA is managing the site remediation.	FY05
Kingsbury (Fisher-Calo)	IN59799F357000	IN	NPL	DoD requires NFA at this property. EPA and the private potentially responsible parties are managing the site remediation.	FY99
Malta Rocket Fuel Area	NY29799F128100	NY	NPL	DoD has no remaining liability at this property.	FY99
Marathon Battery Corporation	NY29799F114200	NY	NPL	DoD requires NFA at this property, and EPA deleted this property from the NPL.	FY96

Figure F-3, cont. Installations No Longer Requiring Narratives

Installation Name	FFID	State	NPL/BRAC Status	Reason Narrative Archived	Last ARC Full Narrative Appeared
Air Force, cont.					
Middletown Air Field	PA39799F144500	PA	NPL	EPA deleted this property from the NPL.	FY96
National Presto Industries	WI59799F244900	WI	NPL	USACE does not require further cleanup at this property.	FY05
New Hanover County Airport	NC49799F483500	NC	NPL	DoD has no remaining liability at this property.	FY06
Ordnance Works Disposal Areas	WV39799F346200	WV	NPL	USACE does not require further cleanup at this property.	FY06
San Bernardino Engineering Depot	CA99799F558700	CA	NPL	USACE does not require further cleanup at this property.	FY05
San Fernando Valley (Area 1)	CA99799F530400	CA	NPL	DoD has no remaining liability at this property.	FY01
Strother Army Airfield	KS79799F031800	KS	NPL	DoD has no remaining liability at this property.	FY01

FY10 Environmental Restoration Narratives Figure F-4

Installation Name	State	Status*	Page
Army			
Aberdeen Proving Ground	MD	NPL	F-11
Alabama Army Ammunition Plant	AL	NPL/BRAC	F-16
Anniston Army Depot	AL	NPL	F-21
Cornhusker Army Ammunition Plant	NE	NPL	F-38
Deseret Chemical Depot	UT	BRAC	F-46
Fort Detrick	MD	Proposed NPL	F-61
Fort Devens	MA	NPL/BRAC	F-62
Fort Eustis	VA	NPL/BRAC	F-63
Fort George G. Meade	MD	NPL/BRAC	F-64
Fort Gillem	GA	BRAC	F-65
Fort Lewis	WA	NPL	F-66
Fort McClellan	AL	BRAC	F-67
Fort McPherson	GA	BRAC	F-68
Fort Monmouth	NJ	BRAC	F-69
Fort Monroe	VA	BRAC	F-70
Fort Ord	CA	NPL/BRAC	F-71
Fort Richardson	AK	NPL	F-72
Fort Riley	KS	NPL	F-73
Fort Sheridan	IL	BRAC	F-74
Fort Wainwright	AK	NPL	F-75
Fort Wingate	NM	BRAC	F-76
Iowa Army Ammunition Plant	IA	NPL	F-90
Jefferson Proving Ground	IN	BRAC	F-92
Joliet Army Ammunition Plant	IL	NPL	F-95
Kansas Army Ammunition Plant	KS	BRAC	F-97
Lake City Army Ammunition Plant	MO	NPL	F-100
Letterkenny Army Depot	PA	NPL/BRAC	F-102

Installation Name	State	Status*	Page
Army, cont.			
Lone Star Army Ammunition Plant	TX	NPL/BRAC	F-103
Longhorn Army Ammunition Plant	TX	NPL	F-105
ouisiana Army Ammunition Plant	LA	NPL	F-107
Milan Army Ammunition Plant	TN	NPL	F-117
Military Ocean Terminal Concord	CA	NPL	F-118
Mississippi Army Ammunition Plant	MS	BRAC	F-119
Newport Chemical Depot	IN	BRAC	F-138
Dakland Army Base	CA	BRAC	F-142
Picatinny Arsenal	NJ	NPL	F-152
Pueblo Chemical Depot	CO	BRAC	F-155
Red River Army Depot	TX	BRAC	F-157
Redstone Arsenal	AL	NPL/BRAC	F-158
Riverbank Army Ammunition Plant	CA	NPL/BRAC	F-162
Rocky Mountain Arsenal	CO	NPL	F-164
Sacramento Army Depot	CA	NPL/BRAC	F-165
Savanna Army Depot	IL	NPL/BRAC	F-168
Seneca Army Depot	NY	NPL/BRAC	F-169
Sierra Army Depot	CA	BRAC	F-170
Stratford Army Engine Plant	СТ	BRAC	F-173
Tobyhanna Army Depot	PA	NPL	F-175
Tooele Army Depot	UT	NPL/BRAC	F-176
Twin Cities Army Ammunition Plant	MN	NPL	F-182
U.S. Army Soldiers Systems Center	MA	NPL	F-184
Umatilla Chemical Depot	OR	NPL/BRAC	F-185
Vint Hill Farms Station	VA	BRAC	F-186

Installation Name	State	Status*	Page
Navy and Marine Corps			
Adak Naval Air Facility	AK	NPL/BRAC	F-12
Alameda Naval Air Station	CA	NPL/BRAC	F-17
Albany Marine Corps Logistics Base	GA	NPL/BRAC	F-18
Allegany Ballistics Laboratory	WV	NPL	F-19
Bangor Naval Submarine Base	WA	NPL/BRAC	F-24
Barbers Point Naval Air Station	HI	BRAC	F-25
Barstow Marine Corps Logistics Base	CA	NPL/BRAC	F-26
Bedford Naval Weapons Industrial Reserve Plant	MA	NPL	F-27
Camp Lejeune Marine Corps Base	NC	NPL	F-31
Camp Pendleton Marine Corps Base	CA	NPL/BRAC	F-32
Cecil Field Naval Air Station	FL	NPL/BRAC	F-34
Charleston Naval Complex	SC	BRAC	F-36
Cherry Point Marine Corps Air Station	NC	NPL/BRAC	F-37
Dallas Naval Air Station	TX	BRAC	F-39
Davisville Naval Construction Battalion Center	RI	NPL/BRAC	F-40
Earle Naval Weapons Station	NJ	NPL	F-49
El Toro Marine Corps Air Station	CA	NPL/BRAC	F-52
Fridley Naval Industrial Reserve Ordnance Plant	MN	NPL	F-77
Guam Apra Harbor Complex	GU	BRAC	F-83
Hunter's Point Annex— Treasure Island Naval Station	CA	NPL/BRAC	F-88
Indian Head Naval Surface Warfare Center	MD	NPL/BRAC	F-89
Jacksonville Naval Air Station	FL	NPL/BRAC	F-91
Joint Expeditionary Base Little Creek— Fort Story	VA	NPL	F-94
Keyport Naval Undersea Warfare Center	WA	NPL	F-99

<sup>\*</sup> BRAC status may refer to installations slated for realignment or closure.

**Figure F-4, cont.** FY10 Environmental Restoration Narratives

Installation Name	State	Status*	Page
Navy and Marine Corps, cont.			
Long Beach Naval Complex	CA	BRAC	F-104
Mare Island Naval Shipyard	CA	BRAC	F-110
Marine Corps Base Quantico	VA	NPL/BRAC	F-111
Mechanicsburg Naval Inventory Control Point	PA	NPL	F-116
Moffett Field Naval Air Station	CA	NPL/BRAC	F-120
Naval Activity Puerto Rico	PR	BRAC	F-125
Naval Air Station Brunswick	ME	NPL/BRAC	F-126
Naval Auxiliary Landing Field Crows Landing	CA	BRAC	F-127
Naval Computer and Telecommunications Area Master Station, Pacific	НІ	NPL	F-128
Naval Facilities on Vieques	PR	NPL	F-129
Naval Fuel Depot, Point Molate	CA	BRAC	F-130
Naval Station Newport	RI	NPL	F-131
Naval Support Facility, Dahlgren	VA	NPL/BRAC	F-133
Naval Weapons Station Seal Beach, Detachment Concord	CA	NPL/BRAC	F-134
New London Naval Submarine Base	CT	NPL/BRAC	F-136
Norfolk Naval Base	VA	NPL	F-139
Norfolk Naval Shipyard	VA	NPL	F-140
NSA Andersen Guam	GU	NPL/BRAC	F-124
Orlando Naval Training Center	FL	BRAC	F-144
Parris Island Marine Corps Recruit Depot	SC	NPL	F-146
Patuxent River Naval Air Station	MD	NPL/BRAC	F-147
Pearl Harbor Naval Complex	HI	NPL	F-148
Pensacola Naval Air Station	FL	NPL/BRAC	F-150
Philadelphia Naval Complex	PA	BRAC	F-151
Portsmouth Naval Shipyard	ME	NPL	F-154
Puget Sound Naval Shipyard	WA	NPL	F-156
San Diego Naval Training Center	CA	BRAC	F-166

Navy and Marine Corps, cont.  South Weymouth Naval Air Station MA NPL/BRAC F-17.  St. Juliens Creek Annex VA NPL F-17.  Treasure Island Naval Station CA BRAC F-17.  Trenton Naval Air Warfare Center Aircraft Division CA BRAC F-18.  Warminster Naval Air Warfare Center Aircraft Division PA NPL/BRAC F-18.  Warminster Naval Air Warfare Center Aircraft Division PA NPL/BRAC F-18.  Washington Navy Yard DC NPL/BRAC F-18.  Whidbey Island Naval Air Station WA NPL/BRAC F-19.  White Oak Naval Surface Warfare Center MD BRAC F-19.  Whiting Field Naval Air Station FL NPL F-19.  Willow Grove Naval Air Station				
South Weymouth Naval Air Station MA NPL/BRAC F-17  St. Juliens Creek Annex VA NPL F-17:  Treasure Island Naval Station CA BRAC F-17:  Trenton Naval Air Warfare Center Aircraft Division Air Station CA BRAC F-18:  Warminster Naval Air Warfare Center PA NPL/BRAC F-18:  Washington Navy Yard DC NPL/BRAC F-18:  Whidbey Island Naval Air Station WA NPL/BRAC F-19:  Whiting Field Naval Air Station FL NPL F-19:  Willow Grove Naval Air Station VA NPL F-19:  Willow Grove Naval Air Station	Installation Name	State	Status*	Page
St. Juliens Creek Annex  VA  NPL  F-17.  Treasure Island Naval Station  CA  BRAC  F-17.  Trenton Naval Air Warfare Center Aircraft Division  Tustin Marine Corps Air Station  CA  BRAC  F-18.  Warminster Naval Air Warfare Center Aircraft Division  Washington Navy Yard  DC  NPL/BRAC  F-18.  Whidbey Island Naval Air Station  WA  NPL/BRAC  F-19.  Whiting Field Naval Air Station  FL  NPL  F-19.  Willow Grove Naval Air Station  WA  NPL  F-19.  Willow Grove Naval Air Station	Navy and Marine Corps, cont.			
Treasure Island Naval Station CA BRAC F-17:  Trenton Naval Air Warfare Center Aircraft Division  Tustin Marine Corps Air Station CA BRAC F-18:  Warminster Naval Air Warfare Center Aircraft Division  Washington Navy Yard DC NPL/BRAC F-18:  Whidbey Island Naval Air Station WA NPL/BRAC F-19:  White Oak Naval Surface Warfare Center MD BRAC F-19:  Whiting Field Naval Air Station FL NPL F-19:  Willow Grove Naval Air Station  WA NPL F-19:  Willow Grove Naval Air Station	South Weymouth Naval Air Station	MA	NPL/BRAC	F-171
Trenton Naval Air Warfare Center Aircraft Division  Tustin Marine Corps Air Station  CA BRAC F-18 Warminster Naval Air Warfare Center Aircraft Division  Washington Navy Yard  DC NPL/BRAC F-18 Whidbey Island Naval Air Station  WA NPL/BRAC F-19 White Oak Naval Surface Warfare Center MD BRAC Whiting Field Naval Air Station  FL NPL F-19 Williamsburg FISC, Cheatham Annex  WA NPL F-19 Williams Grove Naval Air Station	St. Juliens Creek Annex	VA	NPL	F-172
Aircraft Division  Tustin Marine Corps Air Station  Warminster Naval Air Warfare Center Aircraft Division  Washington Navy Yard  Washington Navy Yard  DC  NPL/BRAC  F-18: Whidbey Island Naval Air Station  White Oak Naval Surface Warfare Center Whiting Field Naval Air Station  Washington  Whiting Field Naval Air Station	Treasure Island Naval Station	CA	BRAC	F-178
Warminster Naval Air Warfare Center Aircraft Division  Washington Navy Yard  DC NPL/BRAC F-18 Whidbey Island Naval Air Station  WA NPL/BRAC F-19 White Oak Naval Surface Warfare Center MD BRAC F-19 Whiting Field Naval Air Station  FL NPL F-19 Williamsburg FISC, Cheatham Annex  WA NPL F-19 Williams Grove Naval Air Station	Trenton navarin manare center	NJ	BRAC	F-179
Aircraft Division  Washington Navy Yard  DC NPL/BRAC F-18: Whidbey Island Naval Air Station  White Oak Naval Surface Warfare Center  Whiting Field Naval Air Station  Whiting Field Naval Air Station  Whiting Field Naval Air Station  Whiting Field Naval Air Station  Whiting Field Naval Air Station  Willow Grove Naval Air Station	Tustin Marine Corps Air Station	CA	BRAC	F-181
Whidbey Island Naval Air Station WA NPL/BRAC F-19 White Oak Naval Surface Warfare Center MD BRAC F-19. Whiting Field Naval Air Station FL NPL F-19. Williamsburg FISC, Cheatham Annex VA NPL F-19. Willow Grove Naval Air Station	Transmister marantin transmic center	PA	NPL/BRAC	F-187
White Oak Naval Surface Warfare Center MD BRAC F-19. Whiting Field Naval Air Station FL NPL F-19. Williamsburg FISC, Cheatham Annex VA NPL F-19. Willow Grove Naval Air Station	Washington Navy Yard	DC	NPL/BRAC	F-188
Whiting Field Naval Air Station FL NPL F-19. Williamsburg FISC, Cheatham Annex VA NPL F-19. Willow Grove Naval Air Station	Whidbey Island Naval Air Station	WA	NPL/BRAC	F-191
Williamsburg FISC, Cheatham Annex VA NPL F-19. Willow Grove Naval Air Station	White Oak Naval Surface Warfare Center	MD	BRAC	F-192
Willow Grove Naval Air Station	Whiting Field Naval Air Station	FL	NPL	F-193
Willow Grove Naval Air Station	Williamsburg FISC, Cheatham Annex	VA	NPL	F-195
Joint Reserve Base PA NPL/BRAC F-19	Willow Grove Naval Air Station Joint Reserve Base	PA	NPL/BRAC	F-197
Yorktown Naval Weapons Station VA NPL/BRAC F-201	Yorktown Naval Weapons Station	VA	NPL/BRAC	F-200
Yuma Marine Corps Air Station AZ NPL/BRAC F-20	Yuma Marine Corps Air Station	AZ	NPL/BRAC	F-201

Installation Name	State	Status*	Page
Air Force			
Air Force Plant No. 4	TX	NPL	F-13
Air Force Plant No. 44	AZ	NPL	F-14
Air Force Plant PJKS	CO	NPL	F-15
Andrews Air Force Base	MD	NPL/BRAC	F-20
Arnold Engineering Development Center	TN	Proposed NPL	F-22
Atlantic City Air National Guard Base	NJ	NPL/BRAC	F-23
Bergstrom Air Force Base	TX	BRAC	F-28
Brandywine Defense Reutilization and Marketing Office	MD	NPL	F-29
Brooks City Base	TX	BRAC	F-30
Castle Air Force Base	CA	NPL/BRAC	F-33

Installation Name	State	Status*	Page
Air Force, cont.			
Chanute Air Force Base	IL	Proposed NPL/BRAC	F-35
Dover Air Force Base	DE	NPL	F-47
Eaker Air Force Base	AR	BRAC	F-48
Edwards Air Force Base	CA	NPL/BRAC	F-50
Eielson Air Force Base	AK	NPL/BRAC	F-51
Ellsworth Air Force Base	SD	NPL	F-53
Elmendorf Air Force Base	AK	NPL/BRAC	F-54
England Air Force Base	LA	BRAC	F-55
F.E. Warren Air Force Base	WY	NPL	F-56
Fairchild Air Force Base	WA	NPL/BRAC	F-57
Galena Forward Operating Location	AK	BRAC	F-78
Gentile Air Force Station	ОН	BRAC	F-79
George Air Force Base	CA	NPL/BRAC	F-80
Griffiss Air Force Base	NY	NPL/BRAC	F-81
Grissom Air Force Base	IN	BRAC	F-82
Hanscom Air Force Base	MA	NPL/BRAC	F-84
Hill Air Force Base	UT	NPL/BRAC	F-86
Homestead Air Force Base	FL	NPL/BRAC	F-87
Joint Base McGuire-Dix-Lakehurst	NJ	NPL	F-93
K.I. Sawyer Air Force Base	MI	BRAC	F-96
Kelly Air Force Base	TX	BRAC	F-98
Langley Air Force Base	VA	NPL/BRAC	F-101
Loring Air Force Base	ME	NPL/BRAC	F-106
Lowry Air Force Base	CO	BRAC	F-108
March Air Force Base	CA	NPL/BRAC	F-109
Massachusetts Military Reservation	MA	NPL	F-112
Mather Air Force Base	CA	NPL/BRAC	F-113
McChord Air Force Base	WA	NPL/BRAC	F-114
McClellan Air Force Base	CA	NPL/BRAC	F-115

**Appendix F: Environmental Restoration Narratives** 

<sup>\*</sup> BRAC status may refer to installations slated for realignment or closure.

Figure F-4, cont. EY10 Environmental Restoration Narratives

Figure F-4, cont. FY10 Environmental Restoration Narratives			
Installation Name	State	Status*	Page
Air Force, cont.			
Mountain Home Air Force Base	ID	NPL/BRAC	F-122
Myrtle Beach Air Force Base	SC	BRAC	F-123
Newark Air Force Base	ОН	BRAC	F-137
Norton Air Force Base	CA	NPL/BRAC	F-141
Pease Air Force Base	NH	NPL/BRAC	F-149
Plattsburgh Air Force Base	NY	NPL/BRAC	F-153
Reese Air Force Base	TX	BRAC	F-159
Richards-Gebaur Air Reserve Station	MO	BRAC	F-160
Rickenbacker Air National Guard Base	ОН	Proposed NPL/BRAC	F-161
Robins Air Force Base	GA	NPL/BRAC	F-163
Tinker Air Force Base	OK	NPL/BRAC	F-174
Travis Air Force Base	CA	NPL	F-177
Tucson International Airport	AZ	NPL	F-180
Tyndall Air Force Base	FL	NPL/BRAC	F-183
Williams Air Force Base	AZ	NPL/BRAC	F-194
Willow Grove Air Reserve Base	PA	NPL	F-196
Wright-Patterson Air Force Base	ОН	NPL/BRAC	F-198
Wurtsmith Air Force Base	MI	Proposed NPL/BRAC	F-199

 $<sup>{}^{*}\</sup>quad \mathsf{BRAC}\,\mathsf{status}\,\mathsf{may}\,\mathsf{refer}\,\mathsf{to}\,\mathsf{installations}\,\mathsf{slated}\,\mathsf{for}\,\mathsf{realignment}\,\mathsf{or}\,\mathsf{closure}.$ 

Installation Name	State	Status*	Page
DLA			
Defense Distribution Depot Memphis	TN	NPL/BRAC	F-41
Defense Distribution Depot San Joaquin, Sharpe Facility	CA	NPL	F-42
Defense Distribution Depot San Joaquin, Tracy Facility	CA	NPL	F-43
Defense Supply Center Philadelphia	PA	BRAC	F-44
Defense Supply Center Richmond	VA	NPL	F-45

Installation Name	State	Status*	Page
FUDS			
Fike-Artel Chemical	WV	NPL	F-58
Former Nansemond Ordnance Depot	VA	NPL	F-59
Fort Crowder	MO	NPL	F-60
Hastings Groundwater Contamination Site	NE	NPL	F-85
Moses Lake Wellfield Contamination Site	WA	NPL	F-121
Naval Station Todd-Tacoma	WA	NPL	F-132
Nebraska Ordnance Plant	NE	NPL	F-135
Old Navy Dump/Manchester Annex	WA	NPL	F-143
Pantex Plant	TX	NPL	F-145
Sangamo Electric Dump/Crab Orchard National Wildlife Refuge	IL	NPL	F-167
West Virginia Ordnance Works	WV	NPL	F-190

# **Aberdeen Proving Ground Edgewood Area and Michaelsville Landfill**

**FFID:** MD321382135500

**Location (Size):** Edgewood and Aberdeen, Maryland (72,516

acres)

**Mission:** Develop and test equipment and provide troop

training

HRS Score: 31.45 (Michaelsville Landfill); placed on NPL in

October 1989

53.57 (Edgewood Area); placed on NPL in

February 1990

IAG Status: IAG signed in March 1990

VOCs, SVOCs, metals, PCBs, explosives, petroleum products, pesticides, radiation, CWM,

UXO, potential biological warfare materiel,

propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 614.2 million

Est. CTC (Comp Year): \$212.7 million (FY2042)

IRP Sites (Final RIP/RC): 270 (FY2016)
MMRP Sites (Final RIP/RC): 30 (FY2018)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-90

#### Introduction

Studies have identified many areas of contamination at Aberdeen Proving Ground, including chemical munitions and manufacturing waste sites. RCRA facility assessments identified 319 solid waste management units, which were combined into 13 study areas. Remedial investigations (RIs) identified high levels of organic contaminants in most study areas. Completed removal actions include removal of soil contaminated with metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, trichloroethylene (TCE), and DDT; removal of underground storage tanks; removal of unexploded ordnance (UXO); closure of Nike missile silos, an adam site vault, and pilot plant sumps; and cleanup of open dump sites. The potential risk to human health and the environment was significant enough for EPA to place two areas of Aberdeen Proving Ground on the NPL in 1989 and 1990. DoD and EPA signed an interagency agreement (IAG) in 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Aberdeen Proving Ground for realignment. In FY95, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board. To ensure continuous monitoring and improvement, Aberdeen Proving Ground completed five-year review reports in FY99 and FY04.

Aberdeen Proving Ground has completed 27 Records of Decision (RODs), which selected cleanup actions for environmental restoration sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Contaminants:

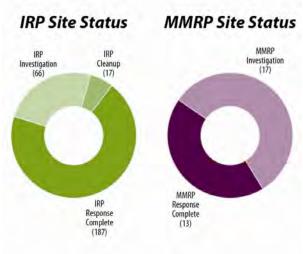
Aberdeen Proving Ground completed a ROD for additional soil sites at the Canal Creek, a ROD for Kings Creek, and proposed plans for the remaining Bush River soils. The installation also continued cleanup actions at the I-Field Munitions Dump in Other Edgewood Study Area. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative and regulatory issues delayed the start of the site inspection (SI) at the newly discovered radiation site within G-Street.

# **FY10 MMRP Progress**

Aberdeen Proving Ground completed a site investigation and awarded a contract for the remedial investigation (RI) at the Aberdeen Area.

Technical issues delayed the start of field work for the RI at the Edgewood Area.



#### **Plan of Action**

Plan of action items for Aberdeen Proving Ground are grouped below according to program category.

#### IRP

- Complete RODs for Wright Creek, Doves Cove, Western Shore, the Old O-Field Area, Boone Creek, the Other Edgewood Study Area, Bush River, Shell Washout, 26th Street, and Western Boundry Operable Units 2 OU 3 in FY11-FY12.
- Begin SI and RI at the newly discovered radiation site in G-Street in FY11-FY12.
- Complete removal actions at the I-Field Munitions Dump in Other Edgewood Study Area in FY11.
- Complete construction of the cleanup system for the Kings Creek Disposal Site and the 30th Street Landfill in FY11-FY12.

#### **MMRP**

- Begin field work at the Edgewood Area in FY11.
- Complete work plan for the Aberdeen Area in FY11.
- Continue construction support and sweeps of UXO for enhanced use leasing and the golf course in FY11-FY12.

Army F-11

Adak Naval Air Facility

NPL/BRAC 1995

**FFID**: AK017002432300

Location (Size): Adak, Alaska (76,800 acres)

**Mission:** Provided services and materials to support

aviation activities and operating forces of the

Navy

HRS Score: 51.37; placed on NPL in May 1994

IAG Status: FFA signed in November 1993

Contaminants: Heavy metals, propellants, VOCs, explosives,

SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 293.5 million

Est. CTC (Comp Year): \$ 128.7 million (FY2043)

IRP Sites (Final RIP/RC): 96 (FY2013)
MMRP Sites (Final RIP/RC): 1 (FY2017)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-3

#### Introduction

Beginning in the early 1940s, Adak Naval Air Facility (NAF) served as a key operations and supply location for U.S. military forces. A study identified 32 sites at the installation, including landfills, unexploded ordnance areas, and polychlorinated biphenyl (PCB) spill sites, which have contaminated groundwater, surface water, sediments, and soil. DoD and EPA signed a federal facility agreement (FFA) in November 1993, outlining how they were going to proceed with cleanup. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. In September 1995, the BRAC Commission recommended closure of Adak NAF. Operational Naval forces departed the island on April 1, 1997, and Engineering Field Activity Northwest assumed command functions. The installation closed in September 1997. The installation completed a community relations plan in FY90, and revised the plan in FY95, FY99, and FY03. In FY96, Adak NAF converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY08.

The installation has signed Records of Decision (RODs), which selected cleanup actions for Operable Units (OUs) A and B1. Adak NAF also signed two No Further Action RODs, which determined that no further cleanup activities were necessary for solid waste management units (SWMUs) 4, 27, and several sites originally included in OU B. The installation also signed a Decision Document (DD), which selected cleanup actions for 10 of the 14 free-product petroleum sites at OU A. In FY04, Adak NAF transferred approximately 47,000 acres for private reuse. The installation also transferred an additional 24,300 acres to the Department of the Interior in FY04. In FY02, Adak NAF conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

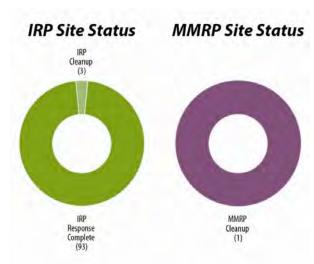
Adak NAF completed additional site characterization at the main road pipeline and at four petroleum sites. The installation also continued long-term management (LTM); and inspections for land use controls (LUCs); which are tools that minimize the potential for human exposure, and well abandonment at CERCLA and petroleum release sites. Adak NAF also completed landfill repairs at six locations, and completed repairs for island-wide LUCs. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

Regulatory issues delayed the partial delisting of 55 CERCLA sites. Technical issues delayed the proposed plan (PP) and DD for Area 303.

# **FY10 MMRP Progress**

Adak NAF completed the fieldwork for cleanup at the three remaining OU B1 sites.

Regulatory issues delayed the feasibility study (FS) to evaluate cleanup alternatives for OU B2 and the partial delisting of 55 CERCLA sites from the NPL.



#### **Plan of Action**

Plan of action items for Adak Naval Air Facility are grouped below according to program category.

#### **IRP**

- Complete PP and DD and begin cleanup at Area 303 in FY11.
- Complete partial delisting of 55 CERCLA sites in FY11.
- Continue LTM and LUC inspection requirements in FY11-FY12.
- Complete DD for two additional petroleum sites in FY11-FY12.

#### **MMRP**

- Complete remedial investigation and FS for OU B2 in FY11.
- Complete the PP and ROD for OU B2 in FY11-FY12.
- Update materials and processes for the island-wide institutional controls program in FY11-FY12.

**FFID**: TX657172460500

**Location (Size):** Fort Worth, Texas (706 acres)

**Mission:** Manufacture aircraft (F-16, partial F-22, and the

F-35 Joint Strike Fighter) and associated

equipment; testing electronics

HRS Score: 39.92; placed on NPL in August 1990

IAG Status: FFA signed in August 1990

**Contaminants:** Waste oils and fuels, heavy metals, VOCs,

cyanide, DNAPL, TCE, PCBs, paint residues,

spent process chemicals, solvents

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 71.7 million

Est. CTC (Comp Year): \$ 13.2 million (FY2018)

IRP Sites (Final RIP/RC): 30 (FY2006)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-156

#### Introduction

Air Force Plant No. 4 (AFP 4) has been a primary manufacturing plant for military aircraft and related equipment since 1942. The installation is adjacent to, and shares an airfield with Fort Worth Joint Reserve Base Naval Air Station (former Carswell Air Force Base [AFB]). Studies have confirmed trichloroethylene (TCE) contamination in the surface water, soil, and in groundwater underneath six spill sites and four landfills. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in August 1990 to outline how they were going to proceed with cleanup. In FY95, AFP 4 converted its technical review committee, responsible for communicating cleanup progress with community, into a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY04 and FY09.

To date, AFP 4 has signed Records of Decision (RODs), which select cleanup actions at all sites. In FY05, AFP 4 conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

AFP 4 began its cleanup optimization process.

Regulatory issues delayed finalization of the explanation of significant differences with the ROD and addressing EPA comments on the five-year review report. Technical issues delayed addressing a vapor intrusion request on former Carswell AFB BRAC property.

The installation continued RAB meetings.

# **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

# **Plan of Action**

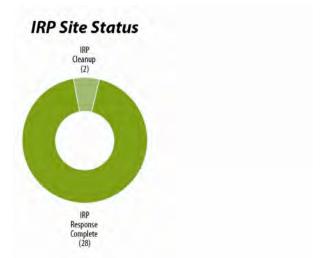
Plan of action items for Air Force Plant No. 4 are grouped below according to program category.

#### **IRP**

- Finalize the explanation of significant differences with the ROD and five-year review report in FY11.
- Complete vapor intrusion preliminary study in FY11-FY12.
- Continue operation and maintenance optimizaiton with long term management in FY11-FY12.
- · Assess RPO for implementation in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force Plant No. 44

**FFID**: AZ957172462900

**Location (Size):** Tucson, Arizona (2,174 acres)

Mission: Research, design, and manufacture of missiles

**HRS Score:** 57.86; placed on NPL in September 1983

IAG Status: FFA negotiations underway

**Contaminants:** Paint sludges, paint thinners, heavy metals,

solvents, machine coolants, machine lubricants,

TCE, VOCs, SVOCs

Media Affected: Groundwater and Soil

Funding to Date: \$ 92.2 million

Est. CTC (Comp Year): \$ 36.0 million (FY2030)

IRP Sites (Final RIP/RC): 13 (FY2011)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status:

IRP/MMRP Status Table: Refer to page E-6-14

Completed

#### Introduction

Air Force Plant No. 44 (AFP 44), located adjacent to Tucson International Airport (IAP), began operations in 1951 to manufacture Falcon air-to-air missiles, and has supported several other missile systems. Contaminants identified at AFP 44 include solvents, machine coolants and lubricants, paint sludges and thinners, and heavy metals. The installation is part of the Tucson IAP Area, which EPA placed on the NPL in September 1983 due to the potential significant risk to human health and the environment. DoD and EPA are currently negotiating a federal facility agreement (FFA) to outline how they will proceed with cleanup. In FY95, the installation converted its Restoration Advisory Board, responsible for communicating cleanup progress with the community, into a Unified Community Advisory Board. In FY04, AFP 44 updated and finalized the community relations plan. To ensure continuous monitoring and improvement, AFP 44 completed a five-year review report for six soil sites in FY04.

To date, the installation has signed Records of Decision (RODs) which selected cleanup actions for three soil vapor extraction sites, and one groundwater cleanup site. The installation also signed a ROD determining that no further cleanup actions were necessary for four sites. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

After AFP 44 completed sampling across the installation, the installation began the Phase 2 remedial investigation (RI) of 1,4 dioxane. The installation completed the cleanup optimization, determined the cleanup actions, and incorporated the Shallow Groundwater Zone into the regional groundwater. AFP 44 submitted draft FFA's to EPA Region 9 and the Arizona Department of Environmental Quality and is in discussion with regulators on final revisions. The installation completed the focused Phase 1 focused RI and began to close Sites 1, 2, and

Administrative issues delayed completing the closure of Sites 1, 2, and 3.

# **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

### **Plan of Action**

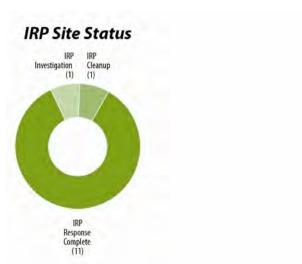
Plan of action items for Air Force Plant No. 44 are grouped below according to program category.

#### **IRP**

- Complete the Phase 2 focused RI of 1,4 dioxane in FY11.
- Close Sites 1, 2, and 3 in FY11.
- Complete the final FFA in FY11.
- Incorporate the Shallow Groundwater Zone into the Regional Groundwater in FY11.
- Begin the Regional Groundwater feasibility study to evalutate cleanup alternatives in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force Plant PJKS

NPL

**FFID:** CO857172553700

**Location (Size):** Waterton, Colorado (464 acres)

**Mission:** Research, develop, and assemble missiles and

missile components; test engines

**HRS Score**: 42.93; placed on NPL in November 1989

IAG Status: None

**Contaminants:** PCBs, PAHs, BTEX, chlorinated organic

solvents, VOCs, SVOCs, metals,

n-nitrosodimethylamine, pesticides

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 44.9 million

Est. CTC (Comp Year): \$ 19.1 million (FY2020)

IRP Sites (Final RIP/RC): 61 (FY2012)

MMRP Sites (Final RIP/RC): 5 (FY2005)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-48

#### Introduction

Air Force Plant PJKS supported the military by researching, developing, and assembling missiles, missile components, and engines. Past operations contaminated groundwater beneath the installation with trichloroethylene (TCE), TCE degradation products (dichloroethene and vinyl chloride), and n-nitrosodimethylamine, and soil with polychlorinated biphenyls (PCBs) and polyaromatic hydrocarbons (PAHs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. In FY01, Lockheed Martin Corporation, the operator of the facility, purchased Former Air Force Plant PJKS. In FY96, the installation formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community.

To date, Air Force Plant PJKS has identified Installation Restoration Program (IRP) sites, which are grouped into six operable units. The installation has removed 12 of 14 underground storage tanks and closed two sites. In FY03, regulators determined no further cleanup actions were necessary for 12 sites. In FY05, the installation held quarterly RAB meetings. Also in FY05, Air Force Plant PJKS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); five MMRP sites were identified.

# **FY10 IRP Progress**

Air Force Plant PJKS completed and submitted the focused feasibility study (FS), which presented cleanup alternatives and recommendations for groundwater contamination. The installation also continued to operate groundwater cleanup systems in the seven bedrock groundwater source areas, and submitted quarterly technical memorandums. Air Force Plant PJKS conducted two rounds of groundwater monitoring and submitted the annual report.

The installation continued to brief the RAB on a regular basis.

# **FY10 MMRP Progress**

Air Force Plant PJKS conducted no MMRP actions.

#### **Plan of Action**

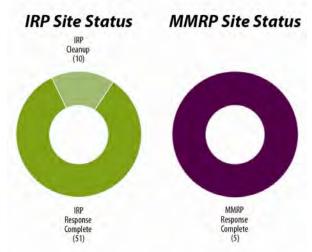
Plan of action items for Air Force Plant PJKS are grouped below according to program category.

#### **IRP**

- Continue to operate groundwater cleanup systems and collect performance data in FY11.
- Continue groundwater monitoring in FY11-FY12.
- Prepare Record of Decision to select cleanup actions for review and approval in FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-15

**FFID:** AL421382000800

**Location (Size):** Childersburg, Alabama (2,235 acres)

Mission: Manufactured explosives

HRS Score: 36.83; placed on NPL in July 1987
IAG Status: FFA signed in December 1989

**Contaminants:** Nitroaromatic compounds, heavy metals,

munitions-related wastes, VOCs, SVOCs,

explosives, propellants

Media Affected: Groundwater
Funding to Date: \$ 63.1 million

Est. CTC (Comp Year): \$ 1.2 million (FY2017)

IRP Sites (Final RIP/RC): 42 (FY2012)

MMRP Sites (Final RIP/RC): None
Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-7-1

#### Introduction

The mission of Alabama Army Ammunition Plant (AAP) was to manufacture explosives. Studies conducted at Alabama AAP since FY83 identified various sites as potential sources of contamination. Prominent site types include: a former ammunition production and burning ground for explosives; industrial wastewater conveyance systems, ditches, a red water storage basin, landfills, underground storage tanks, polychlorinated biphenyl (PCB)-containing transformers, and a former coke oven. The groundwater, surface water, sediment, and soil are contaminated with nitroaromatic compounds, heavy metals, and explosives waste. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in December 1989 to outline how they were going to proceed with cleanup. In FY94, Alabama AAP formed a BRAC cleanup team to develop a process for site cleanup. During FY95, the installation attempted to establish a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community, but received no applications for RAB membership. To ensure continuous monitoring and improvement, Alabama AAP signed five-year review reports in FY02 and FY08.

To date, Alabama AAP has signed three Records of Decision (RODs), which selected cleanup actions at 29 environmental restoration sites. The installation closed 35 groundwater monitoring wells in FY99. In FY03, Alabama AAP completed the early transfer of property to the City of Childersburg. Also in FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Alabama AAP began groundwater monitoring at Area B and a feasibility study (FS) to evaluate cleanup alternatives for Area B Groundwater.

Regulatory issues delayed completion of the ROD for Area B Soils, Sediment, and Surface Water.

# **FY10 MMRP Progress**

Alabama AAP has identified no MMRP sites.

#### **Plan of Action**

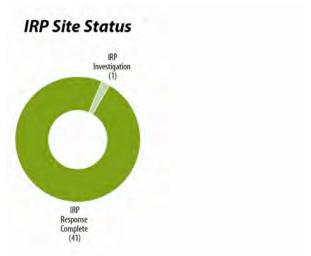
Plan of action items for Alabama Army Ammunition Plant are grouped below according to program category.

#### **IRP**

- Complete ROD for Area B Soils, Sediment, and Surface Water in FY11.
- Complete the FS and begin the proposed plan and ROD for Area B Groundwater in FY11.
- Continue groundwater monitoring in Area B in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Army F-16

Alameda Naval Air Station NPL/BRAC 1993

**FFID:** CA917002323600

Location (Size): Alameda, California (2,675 acres)

Mission: Maintained and operated facilities and provided

services for naval aviation activities and

operating forces

**HRS Score:** 50.0; placed on NPL in July 1999

IAG Status: FFA signed in FY01

Contaminants: BTEX, chlorinated solvents, radium, heavy

metals, herbicides, pesticides, petroleum hydrocarbons, PAHs, PCBs, VOCs, SVOCs,

explosives, propellants

Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 441.7 million

Est. CTC (Comp Year): \$ 117.5 million (FY2017)

IRP Sites (Final RIP/RC): 46 (FY2017)

MMRP Sites (Final RIP/RC): None
Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-6-23

#### Introduction

Prominent site types at Alameda Naval Air Station (NAS) include landfills, offshore sediment areas, plating and cleaning shops, pesticide control areas, a radium dial paint shop, transformer storage areas, and a former oil refinery. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1999. In FY01, DoD and EPA signed a federal facility agreement (FFA) outlining how they were going to proceed with cleanup. In September 1993, the BRAC Commission recommended closure of Alameda NAS and the installation closed in 1997. The installation formed a BRAC cleanup team in FY93 to develop a process for the cleanup of sites. Alameda NAS completed a BRAC cleanup plan prioritizing sites for cleanup in FY94. In addition, the installation approved a community land reuse plan in FY96. In FY98, the installation received funding for technical assistance for public participation. The installation received additional technical assistance for public participation funding in FY03 and FY04. In FY03, the installation formed a Restoration Advisory Board to communicate cleanup progress with the community. In FY03 and FY09, Alameda NAS updated its community relations plan.

To date, Alameda NAS has completed 18 Records of Decision (RODs) which selected cleanup actions for Marsh Crust, Sites 1, 2, 14, 15, 17, 20, 24, 25 through 31, and 35, and OUs 1 and 5.

# **FY10 IRP Progress**

Alameda NAS installed and launched cleanup systems at OU 1. The installation began basewide radiological surveys and finalized the design for cleanup and cleanup work plans for OU 1 and Site 28. Alameda NAS also completed RODs for Sites 2, 24, and 35. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

Alameda NAS has identified no Military Munitions Response Program (MMRP) sites.

## **Plan of Action**

Plan of action items for Alameda Naval Air Station are grouped below according to program category.

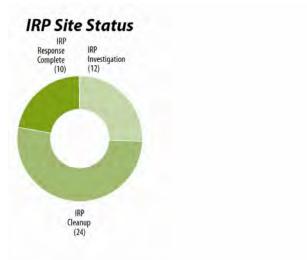
#### **IRP**

Media Affected:

- Complete design of cleanup and begin cleanup activities at Sites 1, 17, and 28 in FY11.
- Complete feasibility study (FS) to evaluate cleanup alternatives for OUs 2A, 2B, and 2C in FY11.
- Complete proposed plan for OUs 2A and 2B in FY11.
- Complete remedial investigation and FS for Site 32 in FY11.
- · Complete ROD for Site 34 in FY11.
- Complete 5 year Review for Sites 6, 14, 16, 25, 26, 27, 28 and March Crust.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



32 (FY2008)

Completed and planned

Refer to page E-6-61

IRP Sites (Final RIP/RC):

Five-Year Review Status:

IRP/MMRP Status Table:

MMRP Sites (Final RIP/RC): None

**FFID**: GA417302369400

Introduction

Location (Size): Albany, Georgia (3,579 acres)

Mission: Acquire, supply, and dispose of materials needed

to sustain combat readiness of Marine Corps forces worldwide; acquire, maintain, repair, rebuild, distribute, and store supplies and

equipment; conduct training

**HRS Score**: 44.65; placed on NPL in December 1989

IAG Status: FFA signed in July 1991

**Contaminants:** VOCs, PCBs, heavy metals, pesticides, PAHs,

SVOCs, TCE, explosives, propellants

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 44.1 million

Est. CTC (Comp Year): \$ 10.3 million (FY2039)

# FY10 MMRP Progress

Albany MCLB has identified no MMRP sites.

#### **Plan of Action**

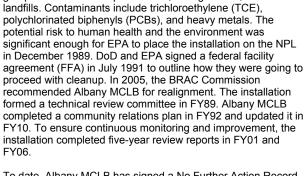
Plan of action items for Albany Marine Corps Logistics Base are grouped below according to program category.

#### **IRP**

- Complete a five-year review report in FY11.
- Implement recommendations from optimization review in FY11.
- Continue monitoring contaminated groundwater areas using natural processes in FY11-FY12.
- Perform operation and maintenance of the landfill cap in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



The Albany Marine Corps Logistics Base (MCLB) is used to

acquire, supply, and dispose of materials needed to sustain combat readiness of Marine forces worldwide. The sites at the

installation are grouped into six operable units (OUs), including

groundwater throughout the base (OU 6) and a site-screening group. Sites include disposal areas, storage areas, and

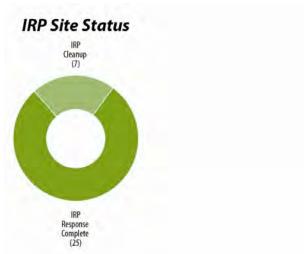
To date, Albany MCLB has signed a No Further Action Record of Decision (ROD) for OU 2, which determined no further cleanup activities were necessary at the OU 2 site. The installation has also signed RODs, selecting cleanup actions for OUs 1, 3, 4, 5, and 6. In addition, the installation has signed an interim ROD at Solid Waste Management Unit 3. In FY02, Albany MCLB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Albany MCLB continued cleanup using natural processes, completed construction of the landfill cap, and completed the optimization review. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed the implementation of the optimization recommendations.

The installation updated the community relations plan and released it for public comment.



**FFID:** WV317002369100

**Location (Size):** Mineral County, West Virginia (1,628 acres)

Mission: Research, develop, and produce solid propellant

rocket motors for DoD and NASA

HRS Score: 50.00; placed on NPL in May 1994

IAG Status: FFA signed in January 1998

Contaminants: VOCs, RDX, HMX, perchlorate, silver, SVOCs,

explosives, propellants, metals

Media Affected: Surface Water, Sediment, Groundwater, Soil

Funding to Date: \$ 41.2 million

Est. CTC (Comp Year): \$ 38.1 million (FY2038)

IRP Sites (Final RIP/RC): 41 (FY2016)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-179

#### Introduction

The Allegany Ballistics Laboratory was used for research. development, and production of solid propellant rocket motors for DoD and NASA. Contaminants found at the installation included volatile organic chemicals (VOCs), RDX, HMX, perchlorate, and silver. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in January 1998 to outline how they were going to proceed with cleanup. In FY94, the installation established an administrative record and two information repositories. In FY95, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. In FY99, the installation issued a draft community relations plan. To ensure continuous monitoring and improvement, the installation completed a five-year review report for Sites 1, 5, and 10 in FY08.

The installation has signed Records of Decision (RODs), which selected cleanup actions for Site 1 Groundwater, Site 5, and Site 10. In addition, the installation has signed a ROD, which determined that no further cleanup activities were necessary at Sites 2, 3, 4B, and 7. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

The installation completed the final feasibility study (FS) to evaluate cleanup alternatives for Sites 11/12.

Regulatory issues delayed the completion of the FS for Site 1 Soils.

# **FY10 MMRP Progress**

Allegany Ballistics Laboratory has identified no MMRP sites.

## **Plan of Action**

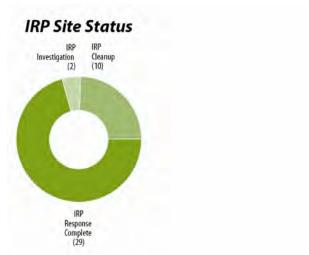
Plan of action items for Allegany Ballistics Laboratory are grouped below according to program category.

#### IRP

- Complete FS for Site 1 Soils in FY11.
- Complete Remedial Investigation and FS for Solid Waste Management Unit 27A in FY11.
- Issue ROD for Sites 11/12 in FY11-FY12.
- Complete groundwater treatment plant upgrade in FY11-FY12.
- Initiate optimization program to identify opportunities for streamlining cleanup at the groundwater treatment system in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Refer to page E-6-92

IRP/MMRP Status Table:

**FFID:** MD357182400000

Location (Size): Camp Springs, Maryland (4,300 acres)

Mission: Provide Presidential airlift support

HRS Score: 50.00; placed on NPL in June 1999

IAG Status: FFA under negotiation

**Contaminants:** SVOCs, VOCs, PAHs, PCBs, pesticides, metals,

explosives, propellants, BTEX

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 90.5 million

Est. CTC (Comp Year): \$ 73.4 million (FY2016)

IRP Sites (Final RIP/RC): 57 (FY2012)
MMRP Sites (Final RIP/RC): 6 (FY2014)

Five-Year Review Status: Underway and planned

## **FY10 MMRP Progress**

Andrews AFB completed the site inspection (SI). The installation awarded a contract for the engineering evaluation and cost analysis (EE/CA) and removal of lead contaminated soil.

#### **Plan of Action**

Plan of action items for Andrews Air Force Base are grouped below according to program category.

#### **IRP**

- Complete FS at LFs 06 and 07, and SSs 11, 26, and 28 in FY11.
- Complete five-year review report for all Andrews AFB sites in FY11.
- Install and operate cleanup systems at LF 05, SS 27, and FIre Training site 02 in FY11.
- Complete ROD for SS 27 in FY11.

#### **MMRP**

- · Complete SI in FY11.
- Complete EE/CA and removal action of lead contaminated soil in FY12.

# IRP Cleanup (9) Response Complete (15) IRP IRP (15) IR

## Introduction

The mission at Andrews Air Force Base (AFB) is to provide Presidential airlift support. Environmental studies at Andrews AFB began in 1985. Historic fuel supply activities, landfills (LFs), and other support and training operations contaminated ground and surface water with metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polyaromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in June 1999. DoD and EPA are currently negotiating a federal facility agreement (FFA) to outline how they will proceed with cleanup. The 2005 BRAC Commission recommended Andrews AFB for realignment.

To date, the installation has closed 8 sites under the petroleum program and signed 21 Records of Decision (RODs) that selected cleanup actions for 22 sites. In FY05, Andrews AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); six MMRP sites were identified.

# **FY10 IRP Progress**

Andrews AFB continued evaluation of LFs 06 and 07, and Spill Sites (SSs) 11, 26, and 28. The installation completed a proposed plan and a feasibility study (FS) to evaluate cleanup alternatives for SS 27. Andrews AFB installed cleanup systems at LF 05, and fire training site Area 02. The installation also assumed environmental restoration responsibilities from Naval Air Facility Washington, and began five-year review reports for all Andrews AFB sites to ensure continuous monitoring and improvement. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the completion of the FS to evaluate cleanup alternatives at LFs 06 and 07, and technical issues delayed the completion of FSs at SSs 11, 26, and 28. Regulatory issues delayed the completion of the ROD for SS 27. Technical issues delayed installation of cleanup systems at SS 27, and operation at LF 05, SS 27, and Fire Training Site Area 02. Regulatory issues delayed completion of the five-year review report for all Andrews AFB sites.

Air Force

**FFID**: AL421382002700

Location (Size): Anniston, Alabama (600 acres)

Mission: Maintain combat vehicles

**HRS Score:** 51.91; placed on NPL in March 1989

IAG Status: IAG signed in June 1990

**Contaminants:** phenols, petroleum products, acids, VOCs,

caustics, SVOCs, Heavy metals

Media Affected: Groundwater, Surface Water, Soil

IRP/MMRP Status Table:

Refer to page E-6-1

Funding to Date: \$ 71.8 million

Est. CTC (Comp Year): \$ 38.7 million (FY2041)

IRP Sites (Final RIP/RC): 49 (FY2013)
MMRP Sites (Final RIP/RC): 3 (FY2018)

Five-Year Review Status: Completed and underway

# Plan of Action

Plan of action items for Anniston Army Depot are grouped below according to program category.

#### **IRP**

- · Begin RI at OU 5 in FY11-FY12.
- Continue groundwater sampling at OUs 1 and 3 in FY11-FY12.
- Continue maintenance and monitoring of the LUC at OU 2 in FY11-FY12.
- Continue O&M of the shallow groundwater treatment plant and complete the focused feasibility study to evaluate cleanup alternatives for OU 1 in FY11-FY12.

#### **MMRP**

· Continue RIs at three MMRP sites in FY11.

#### Introduction

Since 1948, the Army has repaired, rebuilt, and modified combat vehicles and artillery equipment at the Anniston Army Depot (AD) Southeast Industrial Area. Anniston AD also repairs small arms. Painting, degreasing, and plating operations at the installation generated wastes containing volatile organic compounds (VOCs), phenols, heavy metals, and petroleum distillates. The potential risk to human health and the environment was significant enough for EPA to place the Southeast Industrial Area on the NPL in March 1989. DoD and EPA signed an interagency agreement (IAG) in 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Anniston AD for realignment. In FY98, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community, and updated the community relations plan. To ensure continuous monitoring and improvement, Anniston AD completed five-year review reports in FY99, FY04, and FY10.

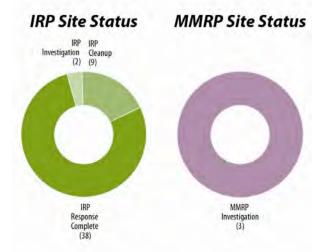
To date, Anniston AD has signed 3 interim Records of Decision (RODs) and 2 final RODs, which selected cleanup actions for 39 environmental restoration sites. In FY03, Anniston AD conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Anniston AD completed a five-year review report for the installation, and the expanded site inspection at operable unit (OU) 5. The installation continued groundwater sampling at OUs 1 and 3. Anniston AD also continued maintenance and monitoring of the land use control (LUC), which restricts the use of or access to OU 2, and operations and maintenance (O&M) of the shallow groundwater treatment plant. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

Anniston AD began remedial investigations (RIs) for three sites.



Army F-21

**FFID:** TN457172404400

Location (Size): Coffee and Franklin Counties, Tennessee

(40,000 acres)

Mission: Conduct aerospace ground tests, engineering

analysis, technical evaluations, and simulate

operational conditions

**HRS Score:** 50.00; proposed for NPL in August 1994

IAG Status: N/A

Contaminants: VOCs, SVOCs, solvents, metals

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 121.7 million

Est. CTC (Comp Year): \$ 49.3 million (FY2035)

IRP Sites (Final RIP/RC): 30 (FY2010)

MMRP Sites (Final RIP/RC): 17 (FY2015)
Five-Year Review Status: Planned for future
IRP/MMRP Status Table: Refer to page E-6-153

#### Introduction

Arnold Engineering Development Center is an advanced aerospace testing, evaluation, and simulation facility. Sites at the installation include a landfill (LF), a chemical treatment plant, the main testing area, a leaching pit, a leachate burn area, and a fire training area. Chlorinated solvents are the primary contaminants. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1994. In FY95, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board.

The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

# **FY10 IRP Progress**

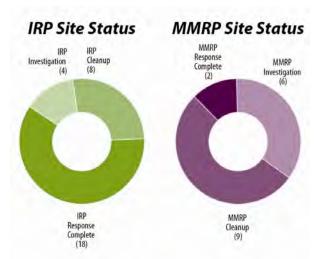
Arnold Engineering Development Center completed construction of the thermal treatment system at Waste Pit (WP) 08, and began cleanup of perchloroethylene (PCE)-contaminated groundwater in the targeted treatment zones. Additionally, Arnold Engineering Development Center continued to treat contaminated groundwater in the intermediate aguifer downgradient of WP 08. The installation submitted the construction completion report for Spill Site (SS) 19 to the Tennessee Department of Environment and Conservation for review and concurrence. Arnold Engineering Development Center completed alternative cleanup measures at SSs 25 and 26. The installation drafted statements of basis for LF 01, Surface Drainage Site 05, SSs 7/22, 19, 25, and 26. Arnold Engineering Development Center also completed the alternative cleanup measures at LF 01. The installation requested FY11 funding to implement recommendations from the Environmental Restoration Program Optimization Team of the Air Force Center for Engineering and the Environment.

Technical issues delayed the completion of the draft statement of basis for WP 08.

# **FY10 MMRP Progress**

Arnold Engineering Development Center completed the work plan, explosive safety submission, and an engineering evaluation and cost analysis document, and began cleanup at Small Arms Ranges (SARs) 31 and 32 and Impact Area (TGs) 27 and 28. The installation completed a removal action at SAR 32 and an investigation at TG 27. The installation received funding for a preliminary assessment (PA) and site inspection (SI) at a new munitions response site (MRS), Camp Forrest Maneuver Area (TM 720). The installation also drafted cleanup reports for SAR 32 and TG 27.

Technical issues delayed submission of the final cleanup report to the Tennesee Department of Environment and Conservation for review and concurrence for the cleanup actions at SAR 31 and TG 28.



#### **Plan of Action**

Plan of action items for Arnold Engineering Development Center are grouped below according to program category.

#### IRP

- Complete WP 08 thermal remediation project in FY11
- Begin cleanup of PCE contaminated sediments in Ditch H at WP 08 in FY11.
- Implement recommendations from the Environmental Restoration Program Optimization Team in FY11.
- Complete alternative measures at LF 01 in FY11.
- Complete cleanup of PCE contaminated sediments in Ditch H at WP 08 in FY12

#### **MMRP**

- Complete surface clearance of UXO at site TG 28 in FY11.
- Complete excavation of lead contaminated soil at SAR 31 in FY11.
- Begin investigation of base wide MRSs in FY11.
- Begin Camp Forrest Maneuver Area (TM270) MMRP PA and SI in FY11.
- Submit final report to Tennessee Department of Environment and Conservation for their review and concurrence for the cleanup actions at SARs 31 and 32 and TGs 27 and 28 in FY11.

Air Force F-22

Refer to page E-7-35

IRP/MMRP Status Table:

**FFID:** NJ257282844900

 Location (Size):
 Pleasantville, New Jersey (280 acres)

 Mission:
 Provide Air National Guard training

 HRS Score:
 39.65; placed on NPL in August 1990

IAG Status: FFA signed in May 1993

Contaminants: VOCs, SVOCs, lead, copper, pesticides, metals,

PCBs. PAHs. BTEX

Media Affected: Groundwater and Soil

Funding to Date: \$ 2.2 million

Est. CTC (Comp Year): \$ 1.6 million (FY2017)

IRP Sites (Final RIP/RC): 5 (FY2012)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

#### Introduction

Atlantic City Air National Guard (ANG) Base is home to the 177th Fighter Squadron whose mission is to maintain fighter aircraft on continuous peacetime air defense alert to preserve U.S. air sovereignty. The installation is part of the Federal Aviation Administration (FAA) Technical Center covering approximately 5,100 acres which includes the FAA Williams J. Hughes Technical Center, Atlantic City ANG Base, Atlantic City International Airport, and U.S. Coast Guard Air Station Atlantic City. All of the property is federally owned except for 84 acres. which is owned by the South Jersey Transportation Authority and includes the airport terminal and support facility areas. Sites included a salvage yard, fire training facility, jet fuel farm, fuel mist test facility, and landfill. Volatile organic compounds (VOCs), metals, and pesticides have been detected in groundwater. EPA placed the FAA facility on the NPL in August 1990 because of its proximity to the South Branch of Doughty's Mill Stream, which flows into the Upper Atlantic City Reservoir, a source of drinking water for local residents. In addition, a sole-source aquifer underlying the FAA facility contributes 85 to 90 percent of the watershed for the Upper Atlantic City Reservoir. DoD and EPA signed a federal facility agreement (FFA) in May 1993 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Atlantic City ANG Base for realignment.

Environmental studies have identified five Installation Restoration Program (IRP) sites on the Atlantic City ANG Base property consisting of 280 acres under permit from the FAA. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Atlantic City ANG Base received additional comments from the regulatory community, and regulators concurred to close and transfer one site to the State of New Jersey Underground Storage Tank Program.

Administrative issues delayed finalization of the feasibility study (FS) to evaluate cleanup alternatives at four sites.

# **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

#### **Plan of Action**

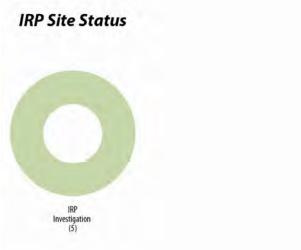
Plan of action items for Atlantic City Air National Guard Base are grouped below according to program category.

#### **IRP**

 Finalize the remedial investigation, FS, and Record of Decision selecting cleanup actions for four sites in FY11.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-23

FFID: WA017002729100

Location (Size): Silverdale, Washington (7,201 acres)

Mission: Provide support base for Trident submarines **HRS Score:** 30.42 (Bangor Ordnance Disposal), placed on

> NPL in July 1987; 55.91 (Bangor Naval Submarine Base), placed on NPL in August 1990

IAG Status:

FFA signed in January 1990

Contaminants: Residual TNT, RDX, Otto fuel, VOCs, SVOCs,

metals, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

**Funding to Date:** \$ 93.8 million

Est. CTC (Comp Year): \$ 50.8 million (FY2040)

IRP Sites (Final RIP/RC): 42 (FY2001) MMRP Sites (Final RIP/RC): 1 (FY2015)

Five-Year Review Status: Completed and planned Refer to page E-6-176 IRP/MMRP Status Table:

#### Introduction

Bangor Naval Submarine Base (NSB) stored, processed, and shipped munitions from the early 1940s until it was commissioned as a submarine base in 1977. Past chemical releases at the installation are primarily related to the detonation, demilitarization, and disposal of explosive ordnance and associated activities. The potential risk to human health and the environment was significant enough for EPA to place the Bangor Ordnance Disposal Area on the NPL in July 1987 and the Bangor NSB on the NPL in August 1990. In January 1990, DoD, EPA, and the State of Washington signed a federal facility agreement (FFA) for the installation to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Bangor NSB for realignment. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY05, and updated the community relations plan in FY08.

To date, the installation completed eight Records of Decision (RODs), selecting cleanup actions for environmental restoration at these sites. Bangor NSB has submitted construction completion documents for operable units (OUs) 1, 2, and 7 to EPA and the Washington Department of Ecology. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site has been identified.

# FY10 IRP Progress

Bangor NSB installed additional wells for compliance monitoring at OU 2. Additionally, Bangor NSB conducted a pilot study to address the potential for contamination from OU 8 to migrate off-base. The installation also conducted a third five-year review report. The cost of completing environmental restoration has changed significantly due to technical issues.

# FY10 MMRP Progress

The installation continued the removal of lead-contaminated soil and the remedial investigation (RI) at Site EO 300. Bangor NSB also continued the risk assessment at the Trap Range Area.

## Plan of Action

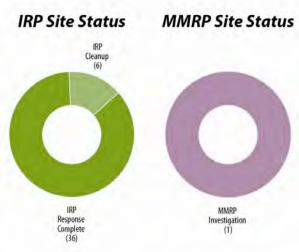
Plan of action items for Bangor Naval Submarine Base are grouped below according to program category.

#### **IRP**

- · Continue study to evaluate stability of groundwater plume at OU 1 in FY11.
- Begin cleanup design for OU 8 in FY11-12.
- Optimize treatment system at Site F (OU 2) in FY11-FY12.
- · Complete third five-year review report and implement action items in FY11-FY12.

#### **MMRP**

- Complete RI at Site EO 300 in FY11.
- Complete risk assessment of Trap Range Area
- Develop proposed plan and ROD for Trap Range Area in FY11-FY12.



F-24 Navy

**FFID:** HI917002432600

Location (Size): Barbers Point, Hawaii (3,816 acres)

Mission: Maintain and operate facilities and provide

services and material support to aviation

activities and units of the operating forces

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Heavy metals, petroleum hydrocarbons,

pesticides, solvents, asbestos, PCBs, VOCs,

**SVOCs** 

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 63.8 million

Est. CTC (Comp Year): \$ 5.5 million (FY2027)

IRP Sites (Final RIP/RC): 35 (FY2014)

MMRP Sites (Final RIP/RC): None
Five-Year Review Status: Underway

IRP/MMRP Status Table: Refer to page E-7-21

#### Introduction

Barber's Point Naval Air Station (NAS) maintained and operated facilities and material support for aviation activities and units of the operating forces. In July 1993, the BRAC Commission recommended closure of Barbers Point NAS. The installation closed on July 2, 1999. In FY94, the installation completed an Environmental Baseline Survey to determine the presence of potential environmental hazards, and formed a Restoration Advisory Board to discuss cleanup progress with the community. Also in FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY97, the BRAC cleanup team completed the latest version of the BRAC cleanup plan with community input to prioritize sites requiring environmental restoration, along with a land reuse plan. To ensure continuous monitoring and improvement, the installation completed the first five-year review report in FY06.

To date, the installation has signed Records of Decision, which selected cleanup actions for Sites 1, 8, 13, 15, 19, and 20. The installation closed Sites 5, 8 through 13, and 19 in FY99, and Sites 2 and 18 in FY07. The installation transferred BRAC parcels to the Department of Hawaiian Home Lands in FY02 and FY08. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Barbers Point NAS found the two remaining sites to be suitable for transfer and completed the environmental hazard management plan. The installation also awarded a contract for decommissioning monitoring wells.

# **FY10 MMRP Progress**

Barbers Point NAS has identified no MMRP sites.

#### Plan of Action

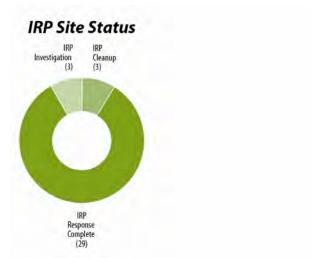
Plan of action items for Barbers Point Naval Air Station are grouped below according to program category.

#### **IRP**

Decommission remaining monitoring wells in FY11.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



FFID: CA917302426100

Location (Size): Barstow, California (5,688 acres)

Mission: Maintain, repair, rebuild, store, and distribute

supplies and equipment; formerly conducted

industrial operations

**HRS Score:** 37.93; placed on NPL in November 1989

FFA signed in October 1990 IAG Status:

Contaminants: Heavy metals, PCBs, petroleum hydrocarbons,

pesticides, herbicides, MTBE, VOCs, SVOCs,

radioactive materials, TCE

Media Affected: Groundwater and Soil

**Funding to Date:** \$ 112.5 million

Est. CTC (Comp Year): \$ 42.4 million (FY2039)

IRP Sites (Final RIP/RC): 43 (FY2016) MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table:

Refer to page E-6-23

#### Introduction

Barstow Marine Corps Logistics Base (MCLB) consists of Yermo Annex, Nebo Main Base, and the Rifle Range. Vehicle maintenance, repair and maintenance of weapons and missile systems, and storage of petroleum and chemical products contributed to contamination. Site types include sludge disposal areas, plating waste disposal areas, low-level radioactive waste storage areas, spill sites, underground storage tank sites, and evaporation ponds. The potential risk to human health and the environment from high concentrations of trichloroethylene (TCE) detected in groundwater monitoring wells was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Barstow MCLB for realignment. The installation established an information repository and administrative record in FY91. The installation formed a technical review committee responsible for communicating cleanup progress with the community, and prepared a community relations plan; the community relations plan was revised in FY02. Public meetings are held annually; however, no community interest exists in forming a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

To date, the installation has completed Records of Decision for Operable Units (OUs) 1 through 6, which selected cleanup actions for these sites. The installation closed OUs 3 and 4 in FY00, and OUs 5 and 6 in FY02. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# FY10 IRP Progress

Barstow MCLB completed the supplemental remedial investigation and assessment of potential risks to the environment for OU 7. The installation also updated the base master plan.

Regulatory issues delayed the Methyl Tertiary Butyl Ether (MTBE) settlement agreement.

# **FY10 MMRP Progress**

Barstow MCLB has identified no MMRP sites.

#### Plan of Action

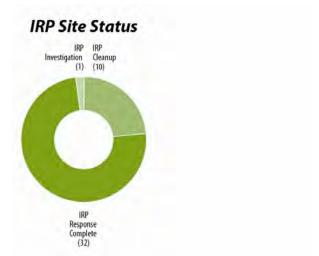
Plan of action items for Barstow Marine Corps Logistics Base are grouped below according to program category.

#### IRP

- · Complete additional field investigations for OU 7 in FY11.
- · Prepare draft feasibility study to evaluate cleanup alternatives for OU 7 in FY11.
- Complete MTBE settlement agreement in FY11.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



F-26 Navy

**FFID:** MA117002357000

**Location (Size):** Bedford, Massachusetts (46 acres)

Mission: Designed, fabricated, and tested prototype

weapons and equipment

**HRS Score:** 50.00; placed on NPL in May 1994

IAG Status: FFA signed in September 1999

Contaminants: Acids, BTEX, incinerator ash, industrial wastes,

POLs, photographic wastes, solvents, paints,

VOCs, SVOCs, metals

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 25.8 million

Est. CTC (Comp Year): \$ 14.1 million (FY2038)

IRP Sites (Final RIP/RC): 4 (FY2013)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-93

#### Introduction

The Bedford Naval Weapons Industrial Reserve Plant (NWIRP), a formerly government-owned and contractor-operated plant, designed, produced, and tested prototype equipment for missile guidance and control systems. Contaminants found at the installation include acids; benzene, toluene, ethylbenzene, and xylene (BTEX); incinerator ash; industrial wastes; paints; petroleum/oil/lubricants (POLs); photographic wastes; solvents; and volatile organic compounds (VOCs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in September 1999 to outline how they were going to proceed with cleanup. The Navy formed a technical review committee in FY89, responsible for communicating cleanup progress with the community, and converted it to a Restoration Advisory Board in FY95. The Navy also developed a community relations plan in FY89 and updated it in FY92. In addition, the Navy maintains an information repository. DoD declared the facility as excess and closed it as a non-BRAC closure in FY01.

Sites identified at the installation include Site 1: an incinerator ash disposal area (potential soil contamination with ash and heavy metals); Site 2: a components-laboratory fuel tank (potential soil contamination with low levels of POLs); Site 3: a northwest groundwater contaminated area (groundwater contaminated with VOCs); and Site 4: a former fuel pump/tank area (soil and groundwater contaminated with BTEX). In FY00, the Navy completed a No Further Action Record of Decision (ROD) for Sites 1 and 2, which determined that no further cleanup activities were necessary for these sites. In FY10, the installation completed a ROD which selected cleanup actions for environmental restoration sites. In FY02, the Navy conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Bedford NWIRP completed investigations, a revised feasibility study to evaluate cleanup alternatives, proposed plan, and ROD for Site 3. The installation also completed the investigation and began preparing the design for cleanup at Site 4. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed the completion of the design for cleanup at Site 4.

### **FY10 MMRP Progress**

Bedford NWIRP has identified no MMRP sites.

#### Plan of Action

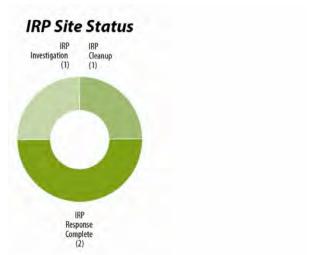
Plan of action items for Bedford Naval Weapons Industrial Reserve Plant are grouped below according to program category.

#### **IRP**

- Complete cleanup design for Sites 3 and 4 in FY11
- Complete Phase I of cleanup actions at Site 3 in FY11.
- Install wells for monitored cleanup using natural processes at Site 4 in FY11.
- Continue groundwater monitoring at all sites in FY11-FY12.
- Continue operating pump-and-treat system to contain Site 3 plume in FY11-FY12.
- Complete Phase II of cleanup actions at Site 3 in FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** TX657002418800

Location (Size): Austin, Texas (3,197 acres)

**Mission:** Supported reconnaissance and fighter aircraft

operations

HRS Score: N/A
IAG Status: N/A

**Contaminants:** VOCs, pesticides, hydrocarbons, metals, TCE,

low-level radioactive waste, SVOCs

Media Affected: Groundwater and Soil

Funding to Date: \$ 48.9 million

Est. CTC (Comp Year): \$ 2.1 million (FY2016)

IRP Sites (Final RIP/RC): 32 (FY1999)
MMRP Sites (Final RIP/RC): 8 (FY2002)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-49

#### Introduction

Bergstrom Air Force Base (AFB) began operations in 1942 and supported flying operations for various aircraft throughout its history. Site types identified at the installation include underground storage tanks (USTs), landfills (LFs), fuel spill areas, a pesticide evaporation pit, firing ranges, a sludge weathering pit, aboveground storage tanks (ASTs), oil-water separators, a fire training area, and a radioactive waste disposal area. In July 1991, the BRAC Commission recommended closure of the installation. The installation closed September 1993, and the City of Austin began to convert the installation into the Austin-Bergstrom International Airport. In FY94, Bergstrom AFB formed a BRAC cleanup team to develop a process for cleanup of sites, and formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. The RAB adjourned in FY97 due to successful cleanup at the installation. Bergstrom AFB updated the community relations plan in FY05 to indicate the status of cleanup and identify ongoing opportunities for community involvement. In order to ensure continuous monitoring and improvement, the installation completed a five-year review report in FY06 and FY10.

Environmental studies have identified CERCLA sites and RCRA areas of concern (AOCs). Cleanup has included removal of 106 USTs, removal of contaminated soil and low-level radioactive wastes, and closure of 45 ASTs. To date, no further cleanup action is required at 478 sites and AOCs. All property at the installation has been transferred to the City of Austin. In FY04, Bergstrom AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); eight MMRP sites were identified. The installation closed seven MMRP sites in FY04.

# **FY10 IRP Progress**

Bergstrom AFB completed a five-year review report. The installation also continued reevaluating contract mechanisms to continue long-term management (LTM), operations and maintenance (O&M), well decommissioning, and other activities at SS031. Additionally, Bergstrom AFB continued LTM and O&M at LFs 3 through 7, and Solid Waste Management Unit (SWMU) 76 Area 1 trichloroethylene (TCE)-contaminated area.

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.

#### **Plan of Action**

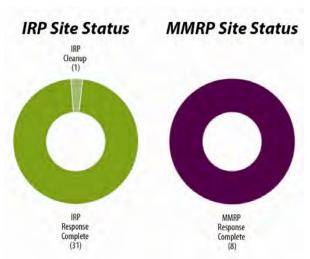
Plan of action items for Bergstrom Air Force Base are grouped below according to program category.

#### **IRP**

 Continue LTM and O&M at LFs 3 through 7, and SWMU 76 Area 1 TCE-contaminated area in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-28

**FFID:** MD357182400000

Location (Size): Brandywine, Maryland (8 acres)

Mission: None (inactive)

HRS Score: 50.15; placed on NPL in June 1999
IAG Status: FFA signed in November 2009

Contaminants: PCBs, VOCs, SVOCs, solvents (including TCE),

metals

Media Affected: Groundwater, Surface Water, Sediment, Soil

IRP/MMRP Status Table:

Refer to page E-6-92

Funding to Date: \$ 16.1 million

Est. CTC (Comp Year): \$ 17.3 million (FY2016)

IRP Sites (Final RIP/RC): 3 (FY2008)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Underway and planned

#### Introduction

The Brandywine facility is an inactive eight-acre former Defense Reutilization and Marketing Office (DRMO) site located approximately eight miles south of Andrews Air Force Base (AFB). Andrews AFB acquired the property from the Navy in 1961 and used it to store bulky aircraft parts, aircraft engine fuels and lubricants, paints, chemicals, and other supplies subject to deterioration. As a Defense Property Disposal Office in the 1970s, the facility temporarily accumulated wastes from other area DoD facilities, though no hazardous materials have been stored onsite since 1980. The primary contaminants of concern are polychlorinated biphenyls (PCBs) and solvents. including trichloroethylene (TCE). The potential risk to human health and the environment was significant enough for EPA to place Brandywine DRMO on the NPL in June 1999. DoD and EPA signed a federal facility agreement (FFA) in November 2009 to outline how they are going to proceed with cleanup.

Brandywine DRMO is identified as Spill Site 01 in the Andrews AFB Installation Restoration Program (IRP) site inventory. To date, the installation has signed one interim Record of Decision, which selected groundwater cleanup actions. The installation has also removed a total of 17,000 cubic yards of contaminated soil. In FY05, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Brandywine DRMO continued to operate the groundwater treatment system, and monitored the results of the bioremediation. The installation continued to investigate potential groundwater contamination sources. The installation began a second set of substrate injections, which involved injecting directly into the subsurface groundwater. Brandywine DRMO began a five-year review report. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

Brandywine DRMO has identified no MMRP sites.

#### Plan of Action

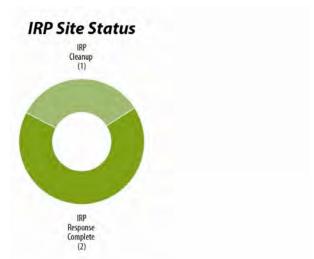
Plan of action items for Brandywine Defense Reutilization and Marketing Office are grouped below according to program category.

#### **IRP**

- Conduct the Defense Nonaqueous Phase Liquid source area investigvation in FY11-FY12.
- Complete the five-year review report in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** TX657172430300

**Location (Size):** San Antonio, Texas (1,309 acres)

Mission: Serve as host to the 311 Human System Wing,

the USAF's agent for human-centered research,

development, acquisition, and operational

support

HRS Score: N/A

IAG Status: N/A

Contaminants: Thinners, pesticides, hydraulics fluids, VOCs,

SVOCs, PAHs, PCBs, metals, fuels, POLs,

cleaning solvents, paints

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 8.7 million

Est. CTC (Comp Year): \$ 2.2 million (FY2020)

IRP Sites (Final RIP/RC): 18 (FY2002)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-7-49

#### Introduction

Brooks Air Force Base (AFB) was established as Brooks Field in 1918 to train pilots. In 1948, Brooks Field was renamed Brooks AFB. In 1991, Brooks AFB was designated as the central location for the Air Force Center for Engineering and the Environment, one of several tenant organizations on base. In 1998, Air Force Materiel Command converted Brooks AFB from a center to the Air Force's only composite medical wing, the 311th Human Systems Wing. In 2002, the Air Force transferred Brooks AFB to the Brooks Development Authority, and the installation became Brooks City-Base, as part of a demonstration project in which the city undertook infrastructure responsibilities in exchange for business opportunities and community development. The 2005 BRAC Commission recommended closure of Brooks City-Base. In order to ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05 and FY10.

Several area of concerns (AOC) and ten Installation Restoration Program (IRP) sites have been closed because no further cleanup action was required. The remaining IRP site continues to undergo cleanup. In FY05, Brooks City-Base conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Brooks AFB documented closure of Operable Unit (OU) 1 and petitioned for closure of Fire Protection Training Area (FPTA) 2. The installation also monitored natural contaminant reduction at selected wells to supplement biostimulation data. In addition, the installation shut down the test recovery system to address containment consensus. Brooks AFB also completed the second five-year review report and redeveloped the screening interval at Monitoring Well 28.

# **FY10 MMRP Progress**

Brooks City-Base has identified no MMRP sites.

## **Plan of Action**

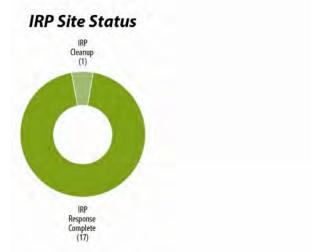
Plan of action items for Brooks City-Base are grouped below according to program category.

#### **IRP**

- Remove and close the gas station in FY11-FY12.
- . Continue closure of OU 1 in FY11-FY12.
- Operate pump-and-treat system, if necessary, at OU 1 in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-30

**FFID:** NC417302258000

Location (Size): Jacksonville, North Carolina (151,000 acres)

**Mission:** Provide housing, training facilities, logistical

support, and administrative supplies for Fleet

Marine Force units

HRS Score: 36.84; placed on NPL in October 1989

IAG Status: FFA signed in February 1991

**Contaminants:** Battery acid, fuels, used oils, paints, thinners,

PCBs, pesticides, metals, solvents, VOCs,

SVOCs, radioactive materials

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 178.2 million

Est. CTC (Comp Year): \$ 188.0 million (FY2058)

IRP Sites (Final RIP/RC): 196 (FY2017)

MMRP Sites (Final RIP/RC): 22 (FY2020)
Five-Year Review Status: Underway

**IRP/MMRP Status Table:** Refer to page E-6-123

#### Introduction

Camp Lejeune Marine Corps Base (MCB) provides housing. training facilities, logistical support, and administrative supplies for Fleet Marine Force units and other assigned units. The installation also provides specialized schools and other training. Contaminants released from past storage and disposal operations have migrated to a shallow aguifer, several surface water bodies, and a deep aquifer used for drinking water. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1989. In February 1991, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. The installation formed a technical review committee in FY88, responsible for communicating cleanup progress with the community, and converted it to a Restoration Advisory Board in FY95. The installation completed a community relations plan in FY90. The installation placed its administrative record on the internet in FY00. Additionally, the installation finalized a community involvement plan in FY05. which was updated in FY10. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99, FY05, and FY10.

To date, the installation has completed 39 Records of Decision (RODs), which selected cleanup actions for environmental restoration sites. In addition, Camp Lejeune MCB completed an interim final ROD for Site 69. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Camp Lejeune MCB completed removal actions for Sites 89 and 95. In addition, Camp Lejeune MCB signed the ROD, completed the design for cleanup, and began cleanup actions at Sites 35 and 73. The installation also continued long-term management at Sites 03, 06, 36, 78, 82, and 93. Camp Lejeune MCB also completed a five-year review report. The installation updated the community involvement plan. The cost of completing environmental restoration has changed significantly due to technical issues.

# **FY10 MMRP Progress**

Camp Lejeune MCB completed preliminary assessments (PAs) and site inspections (SIs) at Unexploded Ordnance (UXO) Sites 01, 07, 08, 10, 11, 12, 14, and 17 through 20. The installation also closed 10 sites, identified 12 sites for expanded SIs, and identified 2 sites for remedial investigations (RIs).

# IRP IRP IRP Investigation (16) IRP Response Complete (147) IRP Response Complete (147) IRP Response Complete (16)

#### **Plan of Action**

Plan of action items for Camp Lejeune Marine Corps Base are grouped below according to program category.

#### **IRP**

- Complete PA/SIs at 21 sites in FY11.
- Complete the feasibility study (FS) to evaluate cleanup alternatives for Site 88 in FY11.
- Continue operation and maintenance of cleanup systems at Sites 06, 35, 73, 78, 82, and 89 in FY11-FY12.
- Complete treatability studies for Sites 78 and 86 in FY11-FY12.
- Conduct human health and ecological risk assessments at Site 49 in FY11-FY12.
- Begin RI/FS for Site 96 in FY11-FY12.
- Begin the proposed cleanup plans and RODs for Sites 69, 86, 88, and 89 in FY11-FY12.
- Implement five-year review report recommendations in FY11-FY12.

#### **MMRP**

- Conduct expanded SIs at 12 sites in FY11-FY12.
- Conduct RIs at UXO Sites 06 and 08 in FY11-FY12.
- Start site closeout procedures for UXO Sites 01, 12, 18, and 20 in FY11-FY12.
- Begin PA/SI at UXO Sites 22, 23, and 24 in FY11-FY12.

**FFID:** CA917302353300

Location (Size): Oceanside, California (250,000 acres)

Mission: Provide housing, training facilities, logistics

support, and administrative support to Fleet

Marine Force Units

**HRS Score**: 33.79; placed on NPL in November 1989

IAG Status: FFA signed in October 1990

**Contaminants:** Pesticides, herbicides, heavy metals, PCBs,

VOCs, SVOCs, TCE

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 227.3 million

Est. CTC (Comp Year): \$ 92.9 million (FY2028)

IRP Sites (Final RIP/RC): 209 (FY2017)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-24

#### Introduction

Camp Pendleton Marine Corps Base (MCB) provides housing, training facilities, logistics support, and administrative support to Fleet Marine Force Units. Environmental contamination at the installation resulted from maintenance of vehicles and equipment and support facilities, such as gas stations, hospitals, laundries, pest control services, and hobby shops. Sites at the installation include landfills, surface impoundments, pesticide storage areas, fire training areas, vehicle maintenance areas, and underground storage tanks (USTs). The potential risk to human health and the environment from detection of an herbicide (Silvex) in two groundwater wells used for drinking water was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they would proceed with cleanup. In 2005, the BRAC Commission recommended Camp Pendleton MCB for realignment. In FY91, Camp Pendleton MCB formed a technical review committee responsible for communicating cleanup progress with the community. The installation prepared a community relations plan in FY92, which was updated in FY01. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY02, FY04, FY07, and FY09.

To date, the installation has completed five Records of Decision (RODs), which selected cleanup actions for environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Camp Pendleton MCB continued cleanup actions at USTs in Areas 11 through 17, 21, 22, 24, 26, 43, 53, and 62. The installation also began groundwater treatment at Site 1D and pilot studies at Sites 21 and 1115. Camp Pendleton MCB also prepared an engineering evaluation and cost analysis, action memorandum, and cleanup work plan for Site 33, and submitted cleanup completion reports for Sites 1A and 1H. Additionally, the installation completed work plans and fieldwork for site inspections at Sites 1116, 1117, 1118, and a remedial investigation (RI) at Site 1114. The cost of completing environmental restoration has changed significantly due to technical issues.

# **FY10 MMRP Progress**

Camp Pendleton MCB has identified no MMRP sites.

# IRP IRP Cleanup (58) IRP Response Complete (147)

#### **Plan of Action**

Plan of action items for Camp Pendleton Marine Corps Base are grouped below according to program category.

#### **IRP**

- Continue cleanup actions at USTs in Area 11 through 16, 21, 22, 24, 26, 43, 53, and 62 in FY11-FY12.
- Begin cleanup at Site 33 in FY11-FY12.
- Prepare RIs and feasibility studies to evaluate cleanup alternatives for Sites 21 and 1115 in FY11-FY12.
- Prepare a ROD determining that no further cleanup actions are necessary for multiple sites in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

Castle Air Force Base NPL/BRAC 1991

**FFID:** CA957002455100

**Location (Size):** Atwater, California (2,777 acres)

Mission: Trained tanker crews and serviced KC-135

stratotanker

**HRS Score:** 27.93; placed on NPL in July 1987

IAG Status: IAGs signed in 1989 and 2004

**Contaminants:** Spent solvents, PCBs, POLs, pesticides,

cyanide, cadmium, VOCs, SVOCs, metals

Media Affected: Groundwater and Soil

Funding to Date: \$ 174.9 million

Est. CTC (Comp Year): \$ 8.2 million (FY2044)

IRP Sites (Final RIP/RC): 261 (FY2006)
MMRP Sites (Final RIP/RC): 1 (FY2008)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-8

#### Introduction

Castle Air Force Base (AFB) formerly trained tanker crews and serviced KC-135 stratotanker. Castle AFB has identified landfills, underground storage tanks, discharge areas, chemical disposal pits, fire training areas, fuel spill areas, and polychlorinated biphenyl (PCB) spill areas at the installation. The potential risk to human health and the environment was significant enough for EPA to place Castle AFB on the NPL in July 1987. DoD and EPA signed interagency agreements (IAGs) in 1989 and 2004 to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of the installation and Castle AFB closed in September 1995. The installation formed a BRAC cleanup team in FY92 to develop a process for cleanup of sites at Castle AFB, and a Restoration Advisory Board in FY95 to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99, FY04, and FY09.

Castle AFB grouped restoration sites at the installation into three operable units (OUs): OUs 1 and 2 (groundwater), and the source control OU. Castle AFB has signed Records of Decision selecting cleanup for sites across the base, groundwater, OUs 1 and 2, Castle Vista, and all source control OU sites, which selected cleanup activities for these sites. The installation closed seven sites suspected to contain contamination for the Installation Restoration Program (IRP) and transferred all remaining property in FY07. In FY04, Castle AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Castle AFB continued to pursue regulatory closure for six soil vapor extraction (SVE) sites. The installation also implemented enhanced groundwater, SVE, and landfill treatment and monitoring procedures.

Regulatory issues delayed closure of the SVE sites, which required additional sampling.

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.

#### **Plan of Action**

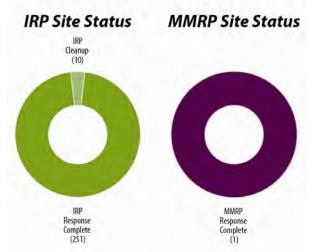
Plan of action items for Castle Air Force Base are grouped below according to program category.

#### **IRP**

- Continue to pursue regulatory closure for six SVE sites in FY11.
- Continue enhanced groundwater, SVE, and landfill cleanup actions in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-33

Cecil Field Naval Air Station NPL/BRAC 1993

**FFID**: FL417002247400

**Location (Size):** Jacksonville, Florida (30,895 acres)

**Mission:** Provide facilities, services, and material support

for maintenance of Naval weapons and aircraft

HRS Score: 31.99; placed on NPL in November 1989

IAG Status: FFA signed in October 1990

**Contaminants:** Waste fuel oil, solvents, heavy metals,

halogenated aliphatics, phthalate esters, SVOCs,

lead, VOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 68.0 million

Est. CTC (Comp Year): \$ 10.4 million (FY2029)

IRP Sites (Final RIP/RC): 29 (FY2008)

MMRP Sites (Final RIP/RC): 2 (FY2019)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-53

#### Introduction

The Cecil Field Naval Air Station (NAS) supports the maintenance of Naval weapons and aircraft. Operations that caused contamination include equipment maintenance, storage and disposal of fuel and oil, fire training, and training on target ranges. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in November 1990 to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended closure of this installation and relocation of its aircraft, personnel, and equipment to other stations. BRAC 1995 redirected associated bombing ranges to Jacksonville NAS, reducing the BRAC footprint at Cecil Field NAS to 17,225 acres. Formed in FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community to a Restoration Advisory Board in FY95. The installation also formed a BRAC cleanup team in FY94 to develop a process for the cleanup of sites. To ensure continuous monitoring and improvement, Cecil Field NAS completed five-year review reports in FY00 and FY05.

To date, the installation has signed 26 Records of Decision, which selected cleanup actions at environmental restoration sites. The installation also has found approximately 17,043 acres suitable to transfer and delisted approximately 16,584 of these acres from the NPL. Cecil Field NAS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified.

# **FY10 IRP Progress**

Cecil Field NAS continued long-term management (LTM) at 35 sites and continued air sparging systems at Sites 36, 37, 59, and at the North Fuel Farm. The installation also found 20.5 acres to be suitable for transfer and signed the deed for these areas to the Jacksonville Aviation Authority. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

Cecil Field NAS continued the site inspection at Unexploded Ordnance (UXO) 1. The installation also identified a new site (UXO 2) for the MMRP.

#### **Plan of Action**

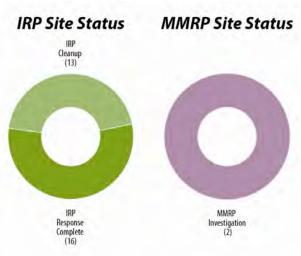
Plan of action items for Cecil Field Naval Air Station are grouped below according to program category.

#### **IRP**

- Close the air sparging system at North Fuel Farm in FY11.
- · Continue LTM at 33 sites in FY11.
- Continue air sparging systems at Sites 36, 37, and 59 in FY11-FY12.

#### **MMRP**

- Begin remedial investigation and feasibility study to evaluate cleanup alternatives for UXO 1 in FY11.
- Begin removal action at UXO 2 in FY11.



**FFID:** IL557002475700

**Location (Size):** Rantoul, Illinois (2,174 acres)

**Mission:** Served as technical training center and airport

HRS Score: Pending IAG Status: N/A

**Contaminants:** POLs, chlorinated solvents, metals, UXO, VOCs,

SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 150.1 million

Est. CTC (Comp Year): \$ 9.7 million (FY2016)

IRP Sites (Final RIP/RC): 78 (FY2014)
MMRP Sites (Final RIP/RC): 13 (FY2011)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-7-23

#### Introduction

Chanute Air Force Base (AFB) was one of five Air Training Command Technical Training Centers providing specialized training for officers, airmen, and civilian employees of the Air Force and other DoD agencies. Sites identified at the facility include landfills, fire training areas, oil-water separators, a petroleum sludge disposal pit, jet engine test cells, and underground storage tanks. The potential risk to human health and the environment was significant enough for EPA to propose the Operable Unit 2 portion of the installation be placed on the NPL in FY01. DoD and EPA signed an interagency agreement (IAG) in 1990 to outline how they were going to proceed with cleanup. In 1988, the BRAC Commission recommended Chanute AFB for closure. The installation signed a memorandum of understanding with the state of Illinois, and closure occurred in 1993. The majority of the installation has been leased to the Village of Rantoul for use as an airport. In FY94, Chanute AFB formed a BRAC cleanup team to develop a process for cleanup of contaminated sites, and formed a Restoration Advisory Board to discuss cleanup progress with the community. Chanute AFB updated the community relations plan in FY07.

There are 78 sites within the Installation Restoration Program (IRP) at Chanute AFB, which are divided into 59 sites regulated under CERCLA and 19 non-CERCLA sites. Chanute AFB has completed the remedial investigation phase for 77 of the 78 IRP sites. In concurrence with Illinois EPA, the installation closed 14 non-CERCLA sites, 111 former fuel storage tank sites, and 11 areas of concern prior to FY06. Between FY05 and FY09, the installation transferred 876 acres, primarily to the Village of Rantoul. Between FY07 and FY09, the installation completed five Records of Decision (RODs) determining that no further cleanup was required at 18 CERCLA sites. In FY04, Chanute AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); 13 MMRP sites were identified.

# **FY10 IRP Progress**

Regulatory and administrative issues delayed 3 RODs addressing 22 sites, which furthermore delayed cleanup at 8 additional sites. Administrative issues also delayed the five-year review report and four decision documents (DDs) to select cleanup actions at four non-CERLCA sites.

# **FY10 MMRP Progress**

Regulatory and administrative issues delayed the closure of the final two sites.

#### **Plan of Action**

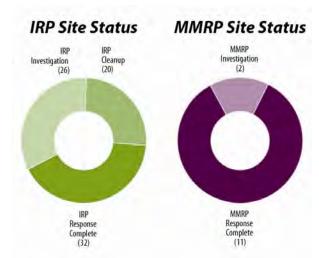
Plan of action items for Chanute Air Force Base are grouped below according to program category.

#### **IRP**

- Complete 7 RODs addressing 35 sites and 3 non-CERCLA DDs addressing 3 additional sites in FY11
- Complete the five-year review report FY11.
- Complete construction of cleanup systems at 38 sites in FY11.
- Complete two RODs addressing six sites in FY12.
- Complete construction of cleanup systems at six sites in FY12.

#### **MMRP**

Close the remaining sites in FY11.



Air Force F-35

**FFID:** SC417002434300, SC417002757100,

SC417002267000, SC417002425800,

SC417002256000

Location (Size): Charleston, South Carolina (2,922 acres)

Repaired, maintained, and overhauled Navy

ships

HRS Score: N/A

IAG Status: N/A

**Contaminants:** POLs, solvents, petroleum hydrocarbons,

SVOCs, VOCs, asbestos, cyanide,

decontaminating agents, heavy metals, paints,

PCBs, pesticides

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 56.6 million

Est. CTC (Comp Year): \$ 3.5 million (FY2021)

IRP Sites (Final RIP/RC): 125 (FY2014)
MMRP Sites (Final RIP/RC): 2 (FY2007)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-7-47

#### Introduction

Mission:

The Charleston Naval Complex (Charleston NC) housed five major naval commands (Naval Shipyard, Naval Station, Naval Fleet and Industrial Supply Center, Fleet and Mine Warfare Training Center, and Naval Reserve Center) and several small organizations. In July 1993, the BRAC Commission recommended closure of Charleston NC; operational closure occurred on April 1, 1996. The installation converted its technical review committee which was formed in FY05 and responsible for communicating cleanup progress with the community into a Restoration Advisory Board in 1996. In 1994, CNC formed a BRAC cleanup team to develop a process for cleanup of sites at the installation. Concurrently, the State of South Carolina formed a local redevelopment agency. The installation updated its community relations plan in FY01.

The Navy divided transfer of Charleston NC's 2,922 acres into four phases; all transfers are complete. The installation completed the final economic development conveyance consisting of 436 acres via early transfer in 2005. Other significant transfers include the sale of 24 acres of the Chicora Tank Farm in 2004 and transfer of 1,677 acres to other federal entities. In FY02, Charleston NC conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified.

# **FY10 IRP Progress**

Charleston NC completed the RCRA facility investigation studies for the remaining sites. The installation also continued corrective measures at 7 sites, and monitored cleanup using natural processes at 14 sites.

Regulatory issues delayed the RCRA permit renewal.

# **FY10 MMRP Progress**

Charleston NC completed and submitted the Final Explosives Hazard Assessment and Mitigation Measures Study for Areas of Concern 500 and 502.

#### Plan of Action

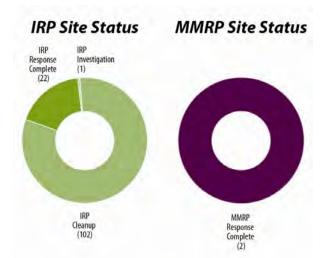
Plan of action items for Charleston Naval Complex are grouped below according to program category.

#### **IRP**

- Finalize RCRA permit with the South Carolina Department of Health and Environmental Control in FY11.
- Continue corrective measures at 7 sites and long-term management of cleanup at 14 sites in FY11.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** NC417302726100

**Location (Size):** Cherry Point, North Carolina (29,139 acres)

Mission: Maintain and operate support facilities; provide services and materials for marine aircraft

**HRS Score**: 70.71; placed on NPL in December 1994

IAG Status: FFA signed in January 2005 and January 2008

**Contaminants:** SVOCs, explosives, propellants, VOCs, PCBs,

petroleum hydrocarbons, solvents, heavy metals Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 97.1 million

Est. CTC (Comp Year): \$ 95.6 million (FY2042)

IRP Sites (Final RIP/RC): 108 (FY2017)
MMRP Sites (Final RIP/RC): 3 (FY2019)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-123

#### Introduction

Cherry Point Marine Corps Air Station (MCAS) provides services and materials for marine aircraft. Military activities have resulted in environmental contamination at the installation. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1994. DoD and EPA signed federal facility agreements (FFAs) in FY05 and FY08 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Cherry Point MCAS for realignment. Formed in FY91, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY95. In FY93, the installation formed two information repositories, and in FY95, completed a community relations plan. Cherry Point MCAS finalized its community involvement plan in FY05. To ensure continuous monitoring and improvement, the installation completed five-year review reports for eight sites in FY03 and FY08.

To date, the installation has completed 10 Records of Decision (RODs), which selected cleanup actions for 15 sites and determined that no further cleanup actions were necessary for 5 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Media Affected:

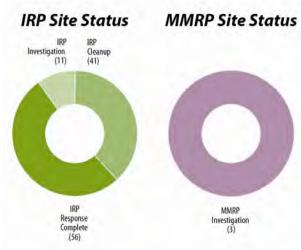
Cherry Point MCAS began design and started cleanup operations at Operable Unit (OU) 14 (Site 90). The installation also completed RODs determining that no further cleanup actions were necessary for OU 1 (Sites 14, 15, 17, 18, and 40). Cherry Point MCAS also completed a draft feasibility study (FS) to evaluate cleanup alternatives for the central groundwater plume at OU 1. The installation also completed Phase I of the vapor intrusion investigation for OU 1.

Administrative issues delayed the optimization study to identify opportunities for streamlining cleanup for groundwater at OU 2.

# **FY10 MMRP Progress**

Cherry Point MCAS completed the site inspections (SIs) at Unexploded Ordnance (UXO) Sites 1 and 3.

Administrative issues delayed the completion of the SI at UXO Site 2.



#### **Plan of Action**

Plan of action items for Cherry Point Marine Corps Air Station are grouped below according to program category.

#### **IRP**

- Complete optimization study for groundwater at OU 2 in FY11.
- Finalize the FS and proposed plan for the central groundwater plume at OU 1 in FY11.
- Finalize the FS for OU 1 (Sites 16 and 83) in FY11.
- Complete proposed cleanup plan, revised ROD, and cleanup design for OU 2 (Site 10) in FY11
- Perform Phase II of the vapor intrusion study and implement treatability study at OU 1 in FY11.
- Complete proposed cleanup plan and ROD for OU 1 (Sites 16 and 83) in FY12.

#### MMRP

- Complete the final focused remedial investigation, including surface removal, at Site 1 in FY11.
- Conduct watershed contaminant source pilot investigation at UXO Site 2 in FY11.
- Complete SI for UXO Site 2 in FY11.

**FFID:** NE721382023400

**Location (Size):** Hall County, Nebraska (4,020 acres)

FFA signed in December 1994

Mission:Manufactured ammunitionHRS Score:51.3; placed on NPL in July 1987

Contaminants: Explosives and heavy metals

Media Affected: Groundwater and Soil

Funding to Date: \$ 75.1 million

Est. CTC (Comp Year): \$ 15.2 million (FY2019)

IRP Sites (Final RIP/RC): 66 (FY2004)
MMRP Sites (Final RIP/RC): 1 (FY2013)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table**: Refer to page E-6-105

#### Introduction

IAG Status:

Cornhusker Army Ammunition Plant (AAP) is a former ammunition manufacturing facility. In FY83, the installation identified an explosives-contaminated groundwater area migrating off-site. The off-site contamination affected more than 250 private residences in Grand Island. In FY86 and FY95, the installation extended the Grand Island municipal water distribution system to all affected residences. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in July 1990, to outline how they were going to proceed with cleanup. In FY01, the installation completed the transfer of disposal responsibility for Cornhusker AAP from the Army Materiel Command to the U.S. Army Corps of Engineers. The community formed a local redevelopment authority in FY89. To ensure continuous monitoring and improvement. Cornhusker AAP completed a five-year review report in FY04.

To date, the installation has completed five Records of Decision, which selected cleanup actions at environmental restoration sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Cornhusker AAP continued the injection program to accelerate cleanup at the groundwater explosives contaminated area, and continued to accelerate the operation of the cleanup system at Operable Unit (OU) 1.

Regulatory issues delayed approval of the Freon site inspection (SI) for No DoD Action Indicated and public transfer at four sites.

## **FY10 MMRP Progress**

Cornhusker AAP began explosives removal and sampling at the open burning and open detonation (OB/OD) ground.

Technical issues delayed completion of the explosives removal and sampling at the OB/OD ground. Regulatory issues delayed the approval of the engineering evaluation and cost analysis (EE/CA) for the OB/OD ground.

#### Plan of Action

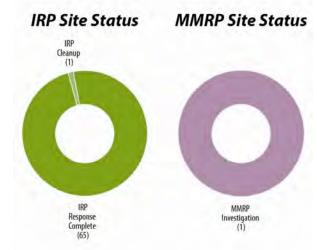
Plan of action items for Cornhusker Army Ammunition Plant are grouped below according to program category.

#### IRP

- Obtain regulatory approval of the Freon SI for No DoD Action Indicated and public transfer at four sites in FY11.
- · Complete sampling at OU 3 in FY11.
- Continue injection program to accelerate cleanup at the groundwater explosives contaminated area in FY11-FY12.
- Continue to accelerate the operation of the cleanup system at OU 1 in FY11-FY12.

#### **MMRP**

- Obtain regulatory approval of EE/CA for OB/OD ground in FY11.
- Submit and receive approval of an addendum to the explosive safety submission for OB/OD ground in FY11.
- Continue the removal and destruction of explosives and soil sampling at the OB/OD ground in FY11-FY12.



Army F-38

Dallas Naval Air Station BRAC 1993

IRP/MMRP Status Table:

Refer to page E-7-49

**FFID**: TX617002278600

Location (Size): Dallas, Texas (832 acres)

Mission: Served as a pilot training center

HRS Score: N/A

Contaminants: VOCs, SVOCs, POLs, solvents, asbestos, heavy

metals

N/A

Media Affected: Sediment, Soil, Groundwater

Funding to Date: \$84.6 million

Est. CTC (Comp Year): \$ 6.2 million (FY2018)

IRP Sites (Final RIP/RC): 47 (FY2007)
MMRP Sites (Final RIP/RC): 2 (FY2005)

Five-Year Review Status: Completed and planned

# Plan of Action

Plan of action items for Dallas Naval Air Station are grouped below according to program category.

#### **IRP**

- Continue monitoring at 12 groundwater contaminated areas in FY11-FY12.
- Conduct survey of three groundwater contaminated areas in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

#### Introduction

IAG Status:

Dallas Naval Air Station (NAS) served as a pilot training center. In July 1993, the BRAC Commission recommended closure of the Dallas NAS. The installation closed in September 1998. After the base was closed, operations transferred to Fort Worth NAS. A number of the industrial operations that supported the installation's military mission contributed to contamination. In FY94, Dallas NAS formed a BRAC cleanup team to develop a process for cleanup of sites, and developed a BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community, and established an information repository. The RAB adjourned in FY05. The installation established a local redevelopment authority and adopted a land reuse plan. During FY96, the installation completed a community relations plan.

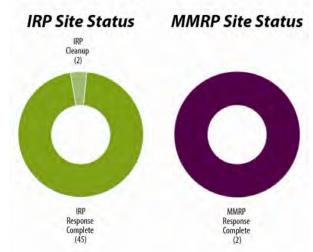
The installation has completed a RCRA facility assessment, which identified solid waste management units and areas of concern. In FYO2, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified.

# **FY10 IRP Progress**

Dallas NAS continued monitoring at 12 groundwater contaminated areas.

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.



**FFID:** RI117002203600

Location (Size): Davisville, Rhode Island (1,285 acres)

Mission: Provided mobilization support to Naval

Construction Forces

HRS Score: 34.52; placed on NPL in November 1989

IAG Status: FFA signed in March 1992

**Contaminants:** Heavy metals, PCBs, pesticides, petroleum

hydrocarbons, POLs, VOCs, SVOCs

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 66.5 million

Est. CTC (Comp Year): \$ 15.5 million (FY2043)

IRP Sites (Final RIP/RC): 25 (FY2014)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-143

#### Introduction

The Davisville Naval Construction Battalion Center (NCBC) provided mobilization support to Naval Construction Forces. Site types at the installation include landfills, solvent storage and disposal areas, transformer storage areas, spill areas, underground storage tanks, and fire training areas. Contaminants include solvents, polychlorinated biphenyls (PCBs), petroleum/oil/lubricants (POLs), and pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1992 to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of the installation. Construction battalion training and mobilization activities transferred to the Naval Construction Battalion Center, Gulfport, Mississippi, and to the Naval Construction Battalion Center, Port Hueneme, California. The installation closed in April 1994. The installation established an administrative record and information repository in FY89. The installation converted its technical review committee, which was formed in FY88 and responsible for communicating cleanup progress with the community, to a Restoration Advisory Board in FY94. Also in FY94, the installation formed a BRAC cleanup team to develop a process for cleanup at Davisville NCBC. In FY95, a BRAC cleanup plan was completed to prioritize sites requiring environmental restoration, and in FY96 and FY97, the BRAC cleanup team prepared BRAC business plans and a community relations plan, respectively. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

The installation has completed three Records of Decision (RODs), which selected cleanup actions at environmental restoration sites. In addition, the installation has completed six No Further Action RODs, which determined no further cleanup activities were necessary. Davisville NCBC conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): no MMRP sites were identified.

# **FY10 IRP Progress**

Davisville NCBC conducted fieldwork for the feasibility study (FS) to evaluate cleanup alternatives for Site 16. The installation also conducted long-term monitoring and landfill maintenance at Sites 7 and 9. In addition, Davisville NCBC received regulator concurrence that no further cleanup actions were necessary at Site EBS21. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the investigation of source areas at Site 7.

# **FY10 MMRP Progress**

Davisvillle NCBC has identified no MMRP sites.

# IRP Site Status IRP IRP IRP (2) (5) IRP Response Complete (18)

#### **Plan of Action**

Plan of action items for Davisville Naval Construction Battalion Center are grouped below according to program category.

#### **IRP**

- Conduct investigation of source areas at Site 7 in FY11.
- Complete FS, proposed cleanup plan, and ROD for soil and groundwater at Site 16 in FY11.
- Complete revision to long-term management sampling programs for Sites 7 and 9 in FY11.
- Conduct stressed vegetation evaluation at Site 9 in FY11-FY12.
- Continue long-term monitoring and landfill maintenance at Sites 7 and 9 in FY11-FY12.
- Complete risk evaluation, proposed cleanup plan, and ROD for soils at Sites 1 through 4 in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** TN497152057000

Location (Size): Memphis, Tennessee (642 acres)

Mission: Stored and distributed clothing, food, medical

supplies, electronic equipment, petroleum products, and industrial chemicals

HRS Score: 58.06; placed on NPL in October 1992

IAG Status: FFA signed in March 1995

**Contaminants:** POLs, VOCs, pesticides, heavy metals,

chlorinated solvents

Media Affected: Groundwater and Soil

Funding to Date: \$ 59.4 million

Est. CTC (Comp Year): \$ 0.0 million (FY2016)

IRP Sites (Final RIP/RC): 116 (FY2010)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-48

#### Introduction

Defense Distribution Depot (DDD) Memphis stored and distributed clothing, food, medical supplies, electronic equipment, petroleum products, and industrial chemicals until FY97. Contamination resulted from leakage, spillage, disposal, and the normal application of pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in 1992. DoD, EPA, and the Tennessee Department of Environment and Conservation signed a federal facility agreement (FFA) in 1995 to outline how they were going to proceed with cleanup. In 1995, the BRAC Commission recommended closure of DDD Memphis. The BRAC cleanup team developed a BRAC cleanup plan with community input in FY96 to prioritize sites requiring environmental restoration. In FY93, the installation formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. In FY98, DDD Memphis developed a community relations plan. In FY01 and FY02, the RAB received funding for technical assistance for public participation. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

DDD Memphis is divided into two areas: the Main Installation and Dunn Field. The installation divided all CERCLA sites and former underground storage tanks into four operable units. DDD Memphis has signed two Records of Decision (RODs), which selected cleanup actions for the Main Installation and Dunn Field. The installation amended the Dunn Field ROD in FY09. DDD Memphis has transferred 374 acres of the Main Installation and 41 acres of Dunn Field. In FY95, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one sit was identified.

# **FY10 IRP Progress**

DDD Memphis completed documents finding the remainder of Dunn Field and the Main Installation suitable for transfer, and conducted public comment on the documents. The installation obtained EPA concurrence and Department of Army signature on the documents finding the remainder of Dunn Field and the Main Installation suitable for transfer, completing the transfer of all 642 acres of the Depot. Regulators approved operating

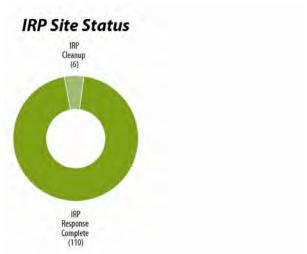
properly and successfully at the Main Installation and Dunn Field. The installation also completed construction and began operation of the off-depot groundwater cleanup action northwest of Dunn Field; annual inspections of land use controls, which restrict use of and access to the Main Installation and Dunn Field; a preliminary closeout report documenting that construction is complete for selected remedies at the installation; and abandonment of the Dunn Field groundwater and discharge system. DDD Memphis obtained BRAC cleanup team concurrence to adjourn.

DDD Memphis obtained RAB concurrence to adjourn and conducted the final RAB meeting.

DLA transferred Defense Distribution Depot Memphis to the Army in early FY11. The Army will report the cost-to-complete estimate in the FY11 annual report.

# **FY10 MMRP Progress**

DDD Memphis has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).



#### **Plan of Action**

Plan of action items for Defense Distribution Depot Memphis are grouped below according to program category.

#### **IRP**

- Complete closeout of the BRAC cleanup plan as part of the BRAC cleanup team adjournment process in FY11.
- Continue operating soil vapor extraction (SVE) remedy on Dunn Field and air sparge with SVE in the groundwater contaminated area west of Dunn Field in FY11-FY12.
- Conduct groundwater long term monitoring of groundwater at the Main Installation and Dunn Field in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

DLA F-41

**FFID:** CA997152083200

Location (Size): Lathrop, California (724 acres)

**Mission:** Receive, store, and distribute supplies, materials,

and equipment

**HRS Score:** 42.24; placed on NPL in July 1987

IAG Status: IAG signed in March 1989

**Contaminants:** VOCs, heavy metals, POLs, TCE, pesticides

Media Affected: Groundwater and Soil

Funding to Date: \$81.4 million

Est. CTC (Comp Year): \$ 101.8 million (FY2047)

IRP Sites (Final RIP/RC): 152 (FY2012)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Competed and planned

**IRP/MMRP Status Table:** Refer to page E-6-33

#### Introduction

Defense Distribution Depot (DDD) San Joaquin, Sharpe Facility began operation in 1941 as a supply and maintenance center. Activities at the property have included overhauls, repairs, painting, paint stripping, metal finishing, and degreasing of aircraft and heavy construction equipment. Investigations have identified contaminated groundwater, soil, and building sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in March 1989 to outline how they were going to proceed with cleanup. DDD San Joaquin, Sharpe Facility developed a community relations plan, which the installation updated in FY07. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY04 and FY09.

To date, DDD San Joaquin, Sharpe Facility has completed two Records of Decision (RODs), which selected cleanup actions for Operable Unit (OU) 1 groundwater cleanup in FY93 and the OU 2 soil cleanup in FY96.

# **FY10 IRP Progress**

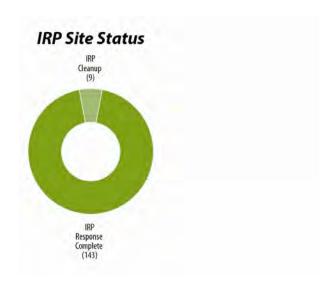
DDD San Joaquin, Sharpe Facility continued operations and maintenance (O&M) of groundwater treatment systems, associated compliance actions, and groundwater monitoring. The installation completed the third alternative pilot study technology evaluation. The installation also completed the work plan and installation of the soil vapor extraction (SVE) system at Site P-5A. The cost of completing environmental restoration has changed significantly due to regulatory issues and changes in estimating criteria.

Regulatory issues delayed the ROD amendment for OU 2. Administrative issues delayed the start of an engineering evaluation and cost analysis (EE/CA), proposed plan (PP), and a ROD amendment for OU 1.

The installation submitted an update to the 2007 community relations plan.

# **FY10 MMRP Progress**

DDD San Joaquin, Sharpe Facility has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).



#### **Plan of Action**

Plan of action items for Defense Distribution Depot San Joaquin, Sharpe Facility are grouped below according to program category.

#### **IRP**

- Complete ROD amendments for OUs 1 and 2 in FY11
- Complete the feasibility study to evaluate cleanup alternatives, in place of the EE/CA, and a PP for OU 1 in FY11.
- Complete the community relations plan update in FY11.
- Continue operation of the SVE system at Site P-5A in FY11-FY12.
- Continue O&M of groundwater treatment, associated compliance actions, and groundwater monitoring in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** CA997150682700

Location (Size): Tracy, California (908 acres)

**Mission:** Store and distribute medical, textile, food,

electronic, industrial, construction, chemicals,

and other supplies and equipment

HRS Score: 37.16; placed on NPL in August 1990

IAG Status: FFA signed in 1991

**Contaminants:** Chlorinated solvents, heavy metals, pesticides,

POLs, VOCs

Media Affected: Soil and Groundwater

Funding to Date: \$ 109.8 million

Est. CTC (Comp Year): \$ 20.7 million (FY2024)

IRP Sites (Final RIP/RC): 75 (FY2012)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed, underway, and planned

**IRP/MMRP Status Table:** Refer to page E-6-34

#### Introduction

Defense Distribution Depot (DDD) San Joaquin, Tracy Facility stores and distributes supplies and equipment for DoD. Sites include burn and disposal pits, underground storage tanks, hazardous waste storage sites, and other contaminated areas. The installation identified contaminated on-site soil and groundwater, and off-site groundwater. The potential risk to human health and the environment was significant enough for EPA to place DDD San Joaquin, Tracy Facility on the NPL in 1990. DoD and EPA signed a federal facility agreement (FFA) in 1991 to outline how they were going to proceed with cleanup. The installation established a community relations plan in 1994, and updated it in FY04 and FY06. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, DDD San Joaquin, Tracy Facility has signed two Records of Decision (RODs): one selected cleanup actions for groundwater contamination, and the other selected cleanup actions for all sites at the installation.

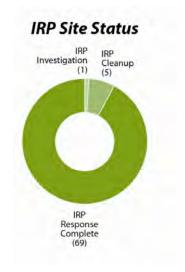
# **FY10 IRP Progress**

DDD San Joaquin completed the feasibility study to evaluate cleanup alternatives for the northwest corner of the North Depot Dieldrin Site, and completed a work plan to install and operate the soil vapor extraction (SVE) system at Solid Waste Management Unit (SWMU) 20. The installation prepared and submitted their a second five-year review draft report. The installation also conducted sampling at Area 1/Bldg 237 to determine if no further cleanup actions are necessary. The cost of completing environmental restoration has changed significantly due to regulatory issues and changes in estimating criteria.

Administrative issues delayed the completion of the proposed plan (PP) and ROD Amendment for the northwest corner of the North Depot Dieldrin Site. Technical issues delayed installation and operation of the SVE system at SWMU 20. Technical issues also delayed the completion of preliminary close out report for all sites.

# **FY10 MMRP Progress**

The Tracy Site has not identified any sites suspected to contain contamination for the Military Munitions Response Program (MMRP).



#### **Plan of Action**

Plan of action items for Defense Distribution Depot San Joaquin, Tracy Facility are grouped below according to program category.

#### **IRP**

- Complete PP and ROD for northwest corner of the North Depot Dieldrin Site in FY11.
- Install and operate the SVE at the SWMU 20 in FY11.
- Complete second five-year review report in FY11.
- Complete the preliminary close out report for all sites in FY11.
- Implement the groundwater remedy at the northwest corner of the Depot in FY11.
- Implement the soil remedy at Building 237 in FY11.
- Finalize an explanation of significant differences with the ROD to address soil remedies in FY11.
- Perform vapor intrusion assessments at Areas 1, 2, and 3 to determine if cleanup is complete in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

# **Defense Supply Center Philadelphia**Formerly Defense Personnel Support Center

**FFID:** PA397154266500

Location (Size): Philadelphia, Pennsylvania (87 acres)

Mission: Procured and distributed food, clothing and textiles, medical supplies and equipment, and general and industrial items in support of the

DoD military services, federal and civil agencies, and foreign countries; and to ensure military

readiness

HRS Score: N/A
IAG Status: N/A

**Contaminants:** POLs, PCBs, pesticides, asbestos

Media Affected: Groundwater and Soil

Funding to Date: \$ 34.2 million

Est. CTC (Comp Year): \$ 10.3 million (FY2015)

IRP Sites (Final RIP/RC): 48 (FY2003)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-138

#### Introduction

The mission of Defense Supply Center (DSC) Philadelphia (formerly Defense Personnel Support Center Site) was procurement and distribution of food, clothing and textiles, medical supplies and equipment, and general and industrial items. Sites include underground storage tanks, aboveground storage tanks, pesticide management areas, hazardous waste management areas, polychlorinated biphenyl (PCB)-containing transformers, asbestos-contaminated areas, and former railroad track areas. Studies have indicated that the contamination originated off-site and migrated onto DSC Philadelphia. In July 1993, the BRAC Commission recommended closure of the installation, and relocated its mission to the Naval Support Activity Philadelphia. DSC Philadelphia formed a BRAC cleanup team in FY94 to develop a process for the cleanup of sites. In FY95, the installation established a Restoration Advisory Board to discuss the installation's cleanup progress with the community. In FY05, the installation began to establish an administrative record.

The only Installation Restoration Program (IRP) site currently open and undergoing cleanup is the subsurface groundwater petroleum hydrocarbon-contaminated site, which lies under large portions of the installation and is managed by the Defense Energy Support Center. The installation closed five IRP sites in FY01, one IRP site in FY03, and three IRP sites in FY04. All other IRP sites, aside from the hydrocrabon-contaminated area, were closed prior to FY01.

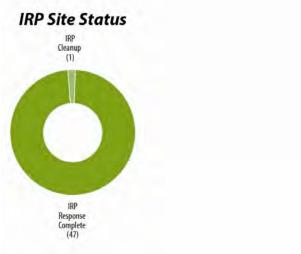
# **FY10 IRP Progress**

DSC Philadelphia conducted groundwater sampling in the shallow, intermediate and deep wells. The installation also continued to operate the vacuum-enhanced product recovery system.

Administrative issues delayed submission of the Pennsylvania Act 2 documentation including the public involvement plan, remedial investigation (RI) report, and final cleanup plan. Administrative issues also delayed operation of the cleanup system on the Philadelphia Housing Authority, and access agreements for the construction of new monitoring wells at the former Passyunk Homes Site.

# **FY10 MMRP Progress**

DSC Philadelphia has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).



#### **Plan of Action**

Plan of action items for Defense Supply Center Philadelphia are grouped below according to program category.

#### IRP

- Submit Pennsylvania Act 2 documentation including the public involvement plan, RI report, and final cleanup plan in FY11.
- Restart operation of the cleanup system on the Philadelphia Housing Authority Site in FY11.
- Obtain access agreements for the construction of new monitoring wells at the former Passyunk Homes Site in FY11.
- Replace the underground storage tank with an aboveground storage tank to complete system repair in FY11.
- Continue groundwater sampling in the shallow, intermediate and deep wells and install three deep wells in FY11.

#### **MMRP**

There are no MMRP actions scheduled for FY10 or FY11.

DLA F-44

**FFID:** VA397152075100

Location (Size): Richmond, Virginia (565 acres)

Mission: Provide logistics support (aviation weapon

system and environmental) for DoD

**HRS Score:** 33.85; placed on NPL in July 1987

IAG Status: IAG signed in 1991

**Contaminants:** POLs, VOCs, PAHs, solvents, pesticides, metals,

SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 65.9 million

Est. CTC (Comp Year): \$ 17.6 million (FY2035)

IRP Sites (Final RIP/RC): 32 (FY2012)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-6-173

#### Introduction

Defense Supply Center (DSC) Richmond provides aviation weapon systems and environmental logistics support for DoD. Petroleum/oil/lubricants (POLs), polyaromatic hydrocarbons (PAHs), chlorinated volatile organic compounds (VOCs), solvents, metals, and pesticides in the groundwater and soil are the primary contaminants at the installation. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in 1991 to outline how they were going to proceed with cleanup. In FY02, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community, and implemented a community relations plan. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY97, FY99, FY02, FY05, and FY08.

Sites have been grouped into 13 Operable Units (OUs). To date, DSC Richmond has signed nine Records of Decision (RODs), which selected cleanup actions for nine OUs. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

DSC Richmond completed the feasibility study (FS) to evaluate cleanup alternatives for OU 7, and a proposed plan (PP) for OU 13. The installation completed construction of cleanup systems at OU 2, and an additional groundwater investigation at OU 8. The installation also completed the implementation plan and inspections for land use controls (LUCs), which restrict use of and access to all sites. The cost of completing environmental restoration has changed significantly due to regulatory issues and changes in estimating criteria.

Administrative issued delayed the completion of the FS for OU 6. Regulatory issues delayed completion of the ROD for OU 13.

# **FY10 MMRP Progress**

DSC Richmond has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

#### **Plan of Action**

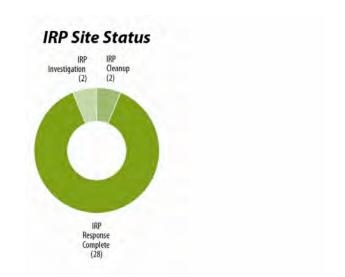
Plan of action items for Defense Supply Center Richmond are grouped below according to program category.

#### **IRP**

- Complete ROD for OU 3 in FY11.
- Complete FS and PP for OU 6 in FY11.
- Complete proposed cleanup plan for OU 7 in FY11-FY12.
- Complete the design for cleanup at OU 13 in FY11-FY12.
- Complete inspection and maintenance for the LUC implemenation plan in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Deseret Chemical Depot

BRAC 2005 Closure

**FFID:** UT821382026500

**Location (Size):** Tooele, Utah (19,364 acres)

**Mission:** Plan and execute the storage and disposal of

chemical weapons

HRS Score: N/A
IAG Status: N/A

Contaminants: Solvents, heavy metals, explosives, VOCs

Media Affected: Groundwater and Soil

Funding to Date: \$ 24.9 million

Est. CTC (Comp Year): \$ 128.1 million (FY2016)

IRP Sites (Final RIP/RC): 33 (FY2014)
MMRP Sites (Final RIP/RC): 6 (FY2016)
Five-Year Review Status: Planned

**IRP/MMRP Status Table:** Refer to page E-6-164

#### Introduction

Deseret Chemical Depot (CD) opened in 1943 as a storage facility for chemical agents. The primary mission of Deseret CD is the storage, surveillance, and demilitarization of chemical ammunition, and to provide installation support for chemical weapons disposal at its two permitted treatment facilities: Tooele Chemical Agent Disposal Facility and Chemical Agent Munitions Disposal Systems. Tooele Chemical Agent Disposal Facility is a full-scale treatment facility with four incinerators used for various decontamination activities associated with chemical agents and munitions. Chemical Agent Munitions Disposal Systems is a research and development facility used to demonstrate technology for chemical munitions handling, disassembly, incineration, pollution control, and treatment of waste. The installation has tested and evaluated various alternatives to incineration for destruction of chemical and conventional munitions at the facility. Past operations and disposals at Deseret CD have resulted in various types of contaminants across the installation. Solvents, heavy metals, and explosives are the primary contaminants, with chemical agent breakdown products being detected at several sites. In 2005, the BRAC Commission recommended Deseret CD for closure after completion of its chemical demilitarization mission.

# **FY10 MMRP Progress**

Deseret CD awarded a contract for the investigation at Combat Training Range (DCD-001-R-01) and Old Demolition Pit (DCD-004-R-01).

Technical issues delayed completion of the soil gas investigation at DCD 006-R-01; the investigation is delayed indefinitely while the installation determines the best method for investigation.

#### **Plan of Action**

Plan of action items for Deseret Chemical Depot are grouped below according to program category.

#### **IRP**

- Complete cleanup at SWMU 3 and update the Phase II investigation in FY11.
- Complete the soil gas study and soil vapor intrusion sampling at SWMU 19 in FY11.
- Continue site-wide groundwater sampling in FY11-FY12.
- Complete removal activities at SWMU 37 in FY11-FY12.

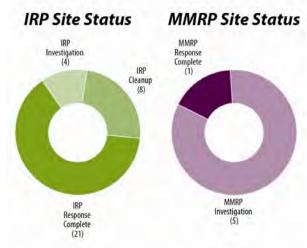
#### **MMRP**

- Conduct interim removal activities and investigation at DCD 002-R-01 and DCD 006-R-01 in FY11.
- Complete Final Work Plan for the investigation at DCD-001-R-01 and DCD-004-R-01 in FY11-FY12.

# **FY10 IRP Progress**

Deseret CD completed groundwater monitoring, sampling, and analysis. The installation also completed a geophysical investigation at solid waste management unit (SWMU) 29. Deseret CD also awarded a contract for an investigation at the Sanitary Landfill (SWMU 26). The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed completion of cleanup at SWMU 3 and updates to the Phase II investigation. Technical issues also delayed completion of the environment condition of property (ECP) report, which is delayed indefinitely based on the determination that the ECP may not be necessary for Deseret CD. Regulatory issues delayed completion of the soil gas study and soil vapor intrusion sampling at SWMU 19.



Army F-46

Dover Air Force Base NPL

**FFID:** DE357182401000

**Location (Size):** Dover, Delaware (3,730 acres)

**Mission:** Provide airlift support for troops, cargo, and

equipment

HRS Score: 35.89; placed on NPL in March 1989

IAG Status: FFA signed in August 1989

**Contaminants:** Solvents, VOCs, petroleum products, SVOCs,

metals

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$89.7 million

Est. CTC (Comp Year): \$ 16.7 million (FY2032)

IRP Sites (Final RIP/RC): 60 (FY2007)
MMRP Sites (Final RIP/RC): None

IRP/MMRP Status Table: Refer to page E-6-52

Completed and planned

Five-Year Review Status:

### Introduction

Dover Air Force Base (AFB) has provided airlift support for troops, cargo, and equipment since 1942. Contaminated site types include solvent spills, fire training areas, landfills, fuel spills, and leaks. Former waste management practices contaminated the shallow groundwater aquifer with petroleum products and volatile organic compounds (VOCs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in March 1989. DoD and EPA signed a federal facility agreement (FFA) in August 1989 to outline how they were going to proceed with cleanup. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

To date, all of the sites have installed operational cleanup systems or require no further cleanup actions. The installation has signed 6 Records of Decision, selecting cleanup actions for 39 sites. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

### **FY10 IRP Progress**

Dover AFB continued operations, maintenance, monitoring, and reporting of groundwater cleanup systems at 23 sites. The Air Force, the state of Delaware, and EPA signed cleanup completion reports, which enabled Dover AFB to close eight sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

### **FY10 MMRP Progress**

Dover AFB has identified no MMRP sites.

### **Plan of Action**

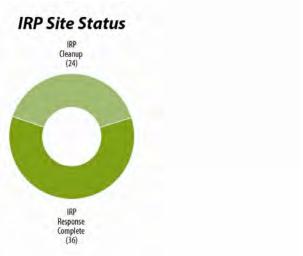
Plan of action items for Dover Air Force Base are grouped below according to program category.

### **IRP**

 Continue operations, maintenance, monitoring, and reporting of groundwater cleanup systems at 23 sites in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Eaker Air Force Base BRAC 1991

**FFID**: AR657002447300

**Location (Size):** Blytheville, Arkansas (3,401 acres)

**Mission:** Supported bomber and tanker aircraft operations

HRS Score: N/A
IAG Status: N/A

**Contaminants:** POLs, VOCs, UXO, metals, SVOCs, petroleum

hydrocarbons

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 31.0 million

Est. CTC (Comp Year): \$ 3.7 million (FY2061)

IRP Sites (Final RIP/RC): 16 (FY2013)
MMRP Sites (Final RIP/RC): 9 (FY2002)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table**: Refer to page E-7-7

### Introduction

Eaker Air Force Base (AFB) formerly supported bomber and tanker aircraft operations. Typical environmental site types include underground storage tanks, aboveground storage tanks, oil-water separators, petroleum/oil/lubricant (POL) spill sites, and landfills. Other sites include a fire training area, waste and material storage areas, an explosive ordnance disposal range, a small arms firing range, a trap and skeet range, a JP-4 jet fuel hydrant system, and a bulk fuel storage tank farm. In July 1991, the BRAC Commission recommended closure of Eaker AFB. The installation closed in December 1992. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY97 and FY05, the BRAC cleanup team updated the BRAC cleanup plan, which prioritizes sites requiring environmental restoration. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The RAB adjourned in FY00 due to successful cleanup efforts and declining community interest. Eaker AFB completed a community relations plan in FY95. To ensure continuous monitoring and improvement, Eaker AFB completed a five-year review report in FY06 and FY10.

Environmental studies have identified sites at Eaker AFB suspected to contain contamination for the Installation Restoration Program (IRP). EPA and Eaker AFB signed an administrative consent order indicating that 30 sites were subject to RCRA corrective action and would be addressed under a RCRA facility investigation. In FY99, the installation confirmed no further construction of cleanup systems was required at any IRP sites. The installation completed the deed for the 110-acre golf course and transferred a 155-acre parcel in FY00. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. In FY07, Eaker AFB finalized the closure of all MMRP sites.

### **FY10 IRP Progress**

Eaker AFB completed a five-year review report. The installation also completed the annual long-term management (LTM) report. In addition, Eaker AFB reevaluated current operations of cleanup systems and continued cleanup systems operations and maintenance (O&M), LTM, and groundwater monitoring at four sites.

### **FY10 MMRP Progress**

The installation conducted no MMRP actions.

### **Plan of Action**

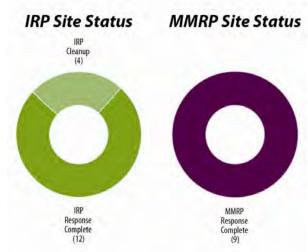
Plan of action items for Eaker Air Force Base are grouped below according to program category.

### IRP

- Continue LTM, O&M, and groundwater monitoring in FY11-FY12.
- Implement recommendations from investigations at ST005, ST012 and SS003 in FY11-12.
- Continue free-product removal at SS003 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID**: NJ217002217200

**Location (Size):** Colts Neck, New Jersey (11,134 acres)

Mission: Handle, store, renovate, and ship munitions

**HRS Score:** 37.21; placed on NPL in August 1990

**IAG Status:** FFA signed in December 1990

**Contaminants:** VOCs, SVOCs, heavy metals, hydrocarbons,

petroleum products, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

IRP/MMRP Status Table:

Refer to page E-7-35

Funding to Date: \$ 33.0 million

Est. CTC (Comp Year): \$ 6.2 million (FY2037)

IRP Sites (Final RIP/RC): 69 (FY2011)
MMRP Sites (Final RIP/RC): 1 (FY2005)

Five-Year Review Status: Completed and planned

### **Plan of Action**

Plan of action items for Earle Naval Weapons Station are grouped below according to program category.

### **IRP**

- Complete the one-time maintenance action, the ROD determining that no further cleanup actions are necessary, and construct the landfill cap at Site 7 in FY11.
- Continue to establish Classification Exception Areas at Sites 3 through 6, 10, 13, 17, 19, and 26 in FY11.
- Prepare feasibility studies to evaluate cleanup alternatives and RODs determining that no further cleanup action is necessary at Sites 9, 41, and 46 in FY11-FY12.

### MMRP

There are no MMRP actions scheduled for FY11 or FY12.

### Introduction

Earle Naval Weapons Station handles, stores, renovates, and ships munitions. The sites include landfills, production areas, storage areas, maintenance areas, and disposal areas. Releases of volatile organic compounds (VOCs) and heavy metals from landfills and production areas have contaminated groundwater and soil at the installation. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in December 1990 to outline how they were going to proceed with cleanup. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community to a Restoration Advisory Board in FY95. The installation completed a community relations plan in FY90, which was updated in FY98. The installation also established an information repository containing a copy of the administrative record. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY08.

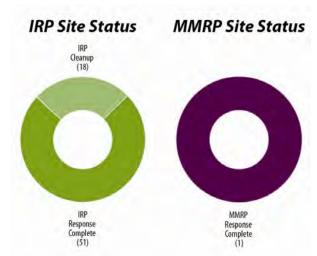
To date, the installation has completed Records of Decision (RODs), which selected cleanup actions at 21 environmental restoration sites. Earle Naval Weapons Station has also signed RODs which determined no further cleanup actions were necessary at 13 sites. The installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

### **FY10 IRP Progress**

Earle Naval Weapons Station began to establish Classification Exception Areas at Sites 3 through 6, 10, 13, 17, 19, and 26. The installation began RODs determining that no further cleanup actions were necessary at Sites 9, 41, and 46. For FY09, Earle completed a proposed cleanup plan, and prepared the work plan for a landfill cap, and ROD for Site 7.

### **FY10 MMRP Progress**

Earle Naval Weapons Station conducted no MMRP actions.



Navy F-49

**FFID:** CA957172450400

**Location (Size):** Kern County, California (301,000 acres)

Mission: Conduct aerospace research, development,

testing, and evaluation, and provide support to

United States and allies

**HRS Score**: 33.62; placed on NPL in August 1990

IAG Status: FFA signed in 1990

**Contaminants:** Waste oils, solvents, petroleum hydrocarbons,

POLs, rocket fuel, potential CWM, metals, VOCs,

SVOCs, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 407.7 million

Est. CTC (Comp Year): \$ 993.7 million (FY2038)

IRP Sites (Final RIP/RC): 270 (FY2020)

MMRP Sites (Final RIP/RC): 21 (FY2016)

Five-Year Review Status: Planned for future

**IRP/MMRP Status Table:** Refer to page E-6-31

### Introduction

Edwards Air Force Base (AFB) conducts aerospace research. development, testing, and evaluation. Decades of operational storage and use of hazardous materials have resulted in releases to soil and groundwater. Contaminants include waste oils, solvents, petroleum hydrocarbons, petroleum/oil/lubricants (POLs), rocket fuel, dioxin, furans, potential chemical warfare materiel, metals, volatile organic compounds (VOCs), semi-volatile organic compound (SVOCs), and polychlorinated biphenyls (PCBs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990, DoD and EPA signed a federal facility agreement (FFA) in 1990 to outline how they were going to proceed with cleanup and set review process timeframes. In 2005, the BRAC Commission recommended Edwards AFB for realignment. In 1994, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community.

To date, studies have identified sites and areas of concern that are divided into 10 operable units (OUs). The installation has signed six Records of Decision (RODs), which selected cleanup actions for OUs 2, 3, 6, 7 (Chemical Warfare Material [CWM]), 4/9 (South Air Force Research Labratory [AFRL]), and 4/9 (Soil and Debris). In 2002, Edwards AFB completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Edwards AFB completed a Feasibility Study (FS) to evaluate cleanup alternatives for OU 7. The installation also completed a Proposed Plan (PP) for OU 7 (Site 3). Edwards AFB completed a cleanup work plan for OU 2 (Site 5/14), and vapor monitoring for indoor air at South AFRL. The installation completed soil cleanup at OU 4/9 and awarded a contract for the removal action and fieldwork for contaminated areas at OUs 5/10 (Site 231) and 7 (Sites 280, 294, and 339). The cost of completing environmental restoration has changed significantly due to regulatory and technical issues, and changes in estimating criteria.

Technical issues delayed the completion of the FSs to evaluate cleanup alternatives for OUs 5/10 and 9. Technical issues also delayed the completion of the PP for OU 1, and administrative issues delayed completion of the PP for OU 8 (Site 25). Technical issues delayed completion of the cleanup action work plans for OU 2 (Sites 76 and 86). Technical and administrative issues delayed completion of the ROD to select cleanup actions for OU 4/9 (AFRL, Arroyos Site).

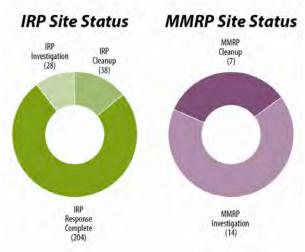
The RAB held quarterly meetings.

### **FY10 MMRP Progress**

Edwards AFB completed a site inspection (SI) for three Munitions Response Areas (MRAs) and began an expanded SI for two MRAs. The installation also began removal actions at Munition Response Sites (MRSs). Edwards AFB awarded a contract for a remedial investigation (RI).

Administrative issues delayed the completion of the RI.

The installation provided quarterly MMRP progress briefings to the RAB.



### **Plan of Action**

Plan of action items for Edwards Air Force Base are grouped below according to program category.

### **IRP**

- Complete FS for OU 9 (Northeast AFRL) in FY11
- Complete PPs for OUs 1 and 2 (Site 29) in FY11.
- Complete ROD for OU 4/9 (AFRL, Arroyos Site) and OU 7 (Site 3) in FY11.
- Complete cleanup work plans for OU 2 (Sites 76 and 86) in FY11.
- Complete construction of cleanup systems at OU 2 (Sites 5/14, 76, 86) and landfill covers at OU 7 (Site 442) in FY11.
- Complete removal actions at OUs 5/10 (Sites 231 and 242), 7 (Sites 280, 294, and 339), and 8 (Sites 257, 299, and 300) in FY11.
- Complete cleanup work plan for OU 7 (Site 3), ROD amendment for OU 2 (Site 29), and a five-year review report for OU 4 (South AFRL) in FY12.
- Complete the PP for OU 7, revised FS for OU8, and FS and groundwater modeling for OU 8 (Site 25) in FY12.

### MMRP

- Complete expanded SI for two MRAs in FY11.
- Complete surface clearance of three MRSs in FY11.
- Complete RI in FY11.

Air Force

Completed and planned

Refer to page E-6-5

Five-Year Review Status:

IRP/MMRP Status Table:

**FFID**: AK057302864600

**Location (Size):** Fairbanks, North Star Borough, Alaska (19,790

acres)

**Mission:** Provide tactical air support to Pacific Air Forces

**HRS Score**: 48.14; placed on NPL in November 1989

The mission of Eielson Air Force Base (AFB) is to provide

tactical air support to Pacific Air Forces. Sites include fire

contaminants affecting groundwater and soil are petroleum/oil/lubricants (POLs), benzene, and chlorinated

training areas, landfills, spill sites (SSs), aboveground storage tanks, underground storage tanks, and disposal pits. Primary

IAG Status: IAG signed in May 1991

Introduction

Contaminants: POLs, benzene, VOCs, SVOCs, PCBs, solvents,

heavy metals

Media Affected: Groundwater and Soil

Funding to Date: \$ 64.6 million

Est. CTC (Comp Year): \$ 20.0 million (FY2032)

IRP Sites (Final RIP/RC): 86 (FY2006)
MMRP Sites (Final RIP/RC): None

### **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

### **Plan of Action**

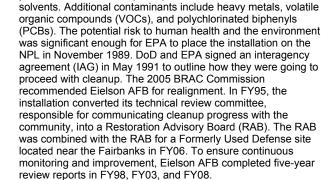
Plan of action items for Eielson Air Force Base are grouped below according to program category.

### **IRP**

- Evaluate options for SS 57 and WP 45 in FY11.
- Propose plan of action at Site SER001-2008 in FY11.
- Conduct installation-wide groundwater monitoring in FY11.
- Prepare Quality Program Plan for Garrison Slough to determine effectiveness of continued removal of PCB-laden sediments in FY11.

### **MMRP**

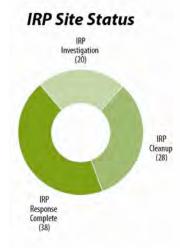
There are no MMRP actions scheduled for FY11 or FY12.



Eielson AFB cleanup sites are grouped into 6 operable units (OUs); 24 sites require no further cleanup actions. To date, the installation has signed six Records of Decision (RODs), which selected cleanup actions, for OUs 1 - 8. There are amendments to the RODs for OUs 2 - 5. In FY05, Eielson AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

### FY10 IRP Progress

Eielson AFB conducted a groundwater treatment study at SS 57 and Waste Pit (WP) 45. The installation completed a risk evaluation for Garrison Slough, and site evaluations and a work plan for the base. Eielson AFB also conducted a source evaluation process Phase I investigation near Engineer Hill, and determined that no further cleanup actions are necessary. The installation installed a replacement water supply well at Well C. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues.



FFID: CA917302320800

Location (Size): Irvine, California (4,738 acres)

Mission: Served as the primary Marine Corps jet fighter

facility on the West Coast; provide materials and support for Marine Corps aviation activities: provide housing for Marine Corps personnel

**HRS Score:** 40.83; placed on NPL in February 1990 IAG Status: FFA signed in October 1990

Herbicides, SVOCs, heavy metals, TCE and Contaminants:

other VOCs, petroleum hydrocarbons, PCBs,

pesticides

Media Affected: Groundwater, Surface Water, Sediment, Soil

**Funding to Date:** \$ 156.3 million

Est. CTC (Comp Year): \$ 59.4 million (FY2043) IRP Sites (Final RIP/RC): 25 (FY2015)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-25

### Introduction

El Toro Marine Corps Air Station (MCAS) served as the primary Marine Corps jet fighter facility on the West Coast, providing materials and support for Marine Corps aviation activities. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended closure of this installation with a transfer of its aircraft, personnel, equipment, and support to Miramar Naval Air Station and Camp Pendleton Marine Corps Base. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and developed a BRAC cleanup plan to prioritize sites requiring environmental restoration. The technical review committee, which was responsible for communicating cleanup progress with the community, converted to a Restoration Advisory Board in FY94. In FY05, the installation updated its community relations plan. To ensure continuous monitoring and improvement, El Toro MCAS completed a five-year review report in FY09.

To date, approximately 3,736 acres have been transferred or found suitable for transfer. The installation has completed 12 Records of Decision (RODs), which selected cleanup actions for environmental restoration sites. El Toro MCAS also has signed RODs and obtained regulatory concurrence that no further cleanup action is necessary at 399 underground storage tank sites, 12 aerial-photography anomaly sites, and 12 aboveground storage tanks. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

### **FY10 IRP Progress**

El Toro MCAS continued cleanup at Sites 8 and 12 to achieve unrestricted use at these sites. The installation also obtained an operating properly and successfully designation for Site 24 and continued cleanup at Sites 3 and 5. Additionally, El Toro MCAS completed a ROD and began the design for cleanup at Anomaly Area 3. The installation also began a pilot study for groundwater and a feasibility study to evaluate cleanup alternatives for groundwater at Sites 1 and 2. The installation completed some field activities for soil at Site 1 and continued long-term monitoring and associated documentation for Sites 2, 16. and 17.

### **FY10 MMRP Progress**

El Toro MCAS has identified no MMRP sites.

# IRP Site Status Cleanup

### **Plan of Action**

Plan of action items for El Toro Marine Corps Air Station are grouped below according to program category.

### IRP

- Complete the cleanup completion report for Sites 8 and 12 in FY11.
- · Complete the proposed plan for groundwater at Sites 1 and 2 in FY11.
- · Continue long-term monitoring and associated documentation for Sites 2, 3, 5, 16, 17, 18, and 24 in FY11.
- Complete the cleanup design and work plan for Anomaly Area 3 in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

F-52 Navy

Ellsworth Air Force Base
NPL

**FFID**: SD857212464400

Location (Size): Rapid City, South Dakota (4,858 acres)

Mission: Maintain a combat-ready force capable of

executing long-range bombardment operations

HRS Score: 33.62; placed on NPL in August 1990

IAG Status: FFA signed in January 1992

Contaminants: Solvents (including TCE), POLs, lead, low-level

radioactive waste, metals, VOCs, SVOCs

Media Affected: Soil and Groundwater

Funding to Date: \$ 93.0 million

Est. CTC (Comp Year): \$ 19.5 million (FY2022)

IRP Sites (Final RIP/RC): 35 (FY2002)
MMRP Sites (Final RIP/RC): 1 (FY2003)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-149

### Introduction

Ellsworth Air Force Base (AFB) maintains a combat-ready force capable of executing long-range bombardment operations. Site types include landfills, underground storage tanks, maintenance areas, a fire training area, and a low-level radioactive waste burial site. Groundwater and soil contamination resulted from releases of trichloroethylene (TCE), dioxin, furans, and petroleum/oil/lubricants (POLs) at these sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1992 to outline how they were going to proceed with cleanup. In FY95, the base formed a Restoration Advisory Board to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports for 13 sites in FY00, FY05, and FY10.

To date, Ellsworth AFB has grouped sites into 12 operable units (OUs). The installation signed Records of Decision (RODs) for OUs 01 through 12, which selected cleanup actions at these sites. Two sites are not located on Ellsworth AFB: Other (OT) site 18 (Badlands Bombing Range) and Radioactive Waste (RW) site 27 (Sundance Portable Medium Power Plant [PM] 1 Reactor Site). In FY05, the installation updated its inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

### **FY10 IRP Progress**

Ellsworth AFB continued long-term management (LTM) for RW 27 (Sundance PM 1 Reactor Site). The installation completed an engineering evaluation and cost analysis and awarded a contract and began cleanup of Unexploded Ordnance (UXO) at OT 18 (Badlands Bombing Range). The installation completed its third five-year review report; continued LTM and cleanup system optimization; and began a focused feasibility study (FS) to evaluate cleanup alternatives at OU 11. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed completion of the ROD to select cleanup activities for RW 27 (Sundance PM 1 Reactor Site).

### **FY10 MMRP Progress**

There were no MMRP actions scheduled for FY10.

### Plan of Action

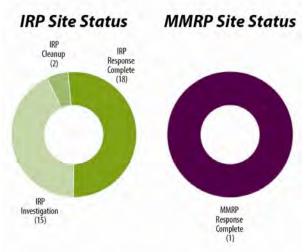
Plan of action items for Ellsworth Air Force Base are grouped below according to program category.

### **IRP**

- Complete the ROD and continue LTM at RW 27 (Sundance PM 1 Reactor Site) in FY11.
- Perform cleanup of UXO at OT 18 (Badlands Bombing Range) in FY11-12.
- Continue LTM and cleanup system optimization for groundwater at OU 11 in FY11-FY12.
- Complete the focused FS and ROD amendment for OU 11 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID**: AK057302864900

**Location (Size):** Anchorage, Alaska (13,452 acres)

Mission: Serve as headquarters to the Alaskan Command

**HRS Score**: 45.91; placed on NPL in August 1990

**IAG Status:** FFA signed in November 1991

Contaminants: VOCs, SVOCs, POLs, solvents, PCBs,

pesticides, heavy metals

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 101.8 million

Est. CTC (Comp Year): \$ 73.6 million (FY2038)

IRP Sites (Final RIP/RC): 136 (FY2012)
MMRP Sites (Final RIP/RC): 7 (FY2019)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-6-5

### Introduction

Elmendorf Air Force Base (AFB) serves as headquarters to the Alaskan Command. Sites include old construction landfills (LFs), petroleum spill sites (SS), and underground storage tanks. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in November 1991 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Elmendorf AFB for realignment. In FY92, the installation formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. In FY97, the RAB revised its charter to focus on all environmental activities, and transitioned into a Community Advisory Board. In FY97, the installation also developed a community relations plan, which was revised in FY00. To ensure continuous monitoring and improvement, Elmendorf AFB completed five-year review reports in FY98, FY04, and FY09.

The FFA covers 38 sites, grouped into 6 operable units (OUs). An additional 42 sites are designated as petroleum/oil/lubricant (POL)-contaminated sources; Elmendorf AFB is performing cleanup activities under the State of Alaska cleanup regulations. To date, Elmendorf AFB has completed Records of Decision to select cleanup sites for OUs 1 through 6 and Disposal Pit (DP) 98. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Elmendorf AFB completed the cleanup requirements report for DP 98, and began Phase III remedial investigation (RI) fieldwork for SS 22. The installation continued the operations of the cleanup system at Fire Training Site 23 and the engineered wetland system at OU 5, and conducted annual debris removal at LF 04.

Technical issues delayed finalizing decision documents to select cleanup actions for Storage Tanks 36, 66, and 61. Regulatory issues delayed preparing the closure report for LF 02

### **FY10 MMRP Progress**

Elmendorf AFB completed a preliminary assessment/site investigation of potential environmental hazards at all MMRP sites.

### **Plan of Action**

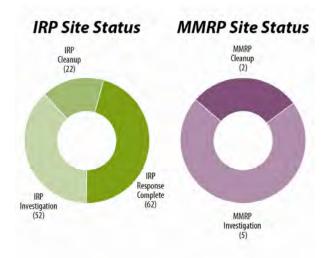
Plan of action items for Elmendorf Air Force Base are grouped below according to program category.

### **IRP**

- Assume environmental restoration responsibilities from Fort Richardson in FY11
- Complete optimization of engineered wetland system in FY11.
- Begin fourth five-year review report in FY12.
- Complete RI and feasibility study report to evaluate cleanup alternatives for SS 22 in FY12.

### **MMRP**

- Conduct removal actions at Trap and Skeet Range 003 and Small Arms Range 001 in FY11.
- Conduct light detection and ranging survey in FY11.



England Air Force Base
BRAC 1991

**FFID:** LA657002445200

Location (Size): Alexandria, Louisiana (2,284 acres)

**Mission:** Supported flying operations for fighter and attack

aircraft

HRS Score: N/A

IAG Status: N/A

Contaminants: Industrial waste, spent solvents, fuels, waste oil,

paints, pesticides, low-level radioactive waste, chlorine gas, PCBs, TCE, POLs, alkali, medical

waste, VOCs, SVOCs, metals

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 38.7 million

Est. CTC (Comp Year): \$ 3.4 million (FY2055)

IRP Sites (Final RIP/RC): 46 (FY2001)
MMRP Sites (Final RIP/RC): 8 (FY2011)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-7-27

### Introduction

England Air Force Base (AFB) was established in 1943 and supported flying operations for various aircraft throughout its history. Sites identified at the installation include landfills. underground storage tanks, aboveground storage tanks, fire training areas, oil-water separators, a sewage treatment pond, a low-level radiation site, and gas training kit burial sites. In July 1991, the BRAC Commission recommended closure of England AFB and the installation closed in December 1992. The installation formed a BRAC cleanup team in FY93 to develop a process for cleanup of sites. The BRAC cleanup plan, developed with community input to prioritize sites requiring environmental restoration, was updated in FY95 and FY04. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The RAB adjourned in FY00 due to lack of interest. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY08.

Environmental studies have identified sites suspected to contain contamination for the Installation Restoration Program (IRP). A RCRA facility assessment conducted in FY92 identified areas of concern and solid waste management units. To date, more than 1,700 acres have been transferred, primarily to the local redevelopment authority. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Two additional MMRP sites were identified in FY08.

### **FY10 IRP Progress**

England AFB completed the RCRA permit renewal and closed one petroleum site ahead of schedule. The installation prepared and reviewed the draft document finding the remaining 576 acres suitable for transfer.

Administrative issues delayed the finalization of the operating properly and successfully determination for Spill Site (SS) 045.

### **FY10 MMRP Progress**

Administrative issues delayed the removal action of munitions and explosives of concern (MEC) at one site. Administrative

issues also delayed submittal of closure documentation for all MMRP sites to the Air Force Safety Center and the DoD Explosive Safety Board.

### Plan of Action

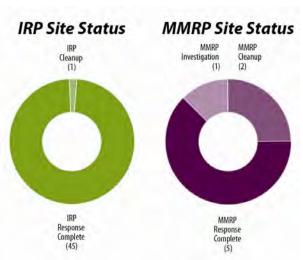
Plan of action items for England Air Force Base are grouped below according to program category.

### **IRP**

- Finalize the operating properly and successfully determination at SS 045 in FY11.
- Complete site inspection at three areas within the SS 045 groundwater contaminated area in FY11.
- Complete the property transfer of the remaining 576 acres in FY11.

### **MMRP**

- Complete removal action of MEC at one site in FY11.
- Submit closure documentation for all MMRP sites to the Air Force Safety Center and the DoD Explosive Safety Board in FY11.



F.E. Warren Air Force Base

**FFID:** WY857212417900

**Location (Size):** Cheyenne, Wyoming (5,866 acres)

**Mission:** Serve as host to the 90th Space Wing, which

support missile and space launch operations

**HRS Score**: 39.23; placed on NPL in February 1990

IAG Status: FFA signed in September 1991

**Contaminants:** Oils, solvents, metals, acids, petroleum,

explosives residues, pesticides, VOCs, SVOCs,

PCBs, PAHs

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$ 132.7 million

Est. CTC (Comp Year): \$ 31.3 million (FY2036)

IRP Sites (Final RIP/RC): 35 (FY2012)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

NPI

**IRP/MMRP Status Table:** Refer to page E-6-181

### Introduction

F.E. Warren Air Force Base (AFB) serves as the host to the 90th Space Wing Support and missile and space launch operations. Restoration activities began at F.E. Warren AFB in FY84. Contaminants at this installation include oils, solvents, metals, acids, petroleum, explosive residues, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and polyaromatic hydrocarbons (PAHs). The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in September 1991, which included 19 sites, to outline how they were going to proceed with cleanup. In FY05, three additional sites were added to the FFA. In FY95, F.E. Warren AFB formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99, FY04, and FY09.

Remedial investigations have identified sites within 14 operable units and 5 investigative zones. The installation has signed Records of Decision (RODs), selecting cleanup actions for 20 sites; 11 sites required no further cleanup action. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

### **FY10 IRP Progress**

The installation completed the feasibility study (FS) to evaluate cleanup alternatives for the closed firing ranges. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

Technical and regulatory issues delayed completion of the ROD to select cleanup actions for the closed firing ranges. Technical issues delayed completion of an additional ROD to select cleanup actions for and implementation of cleanup actions at Spill Site (SS) 08.

### **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

### **Plan of Action**

Plan of action items for F.E. Warren Air Force Base are grouped below according to program category.

### **IRP**

- Complete the ROD and implement the design for cleanup for the closed firing ranges in FY11.
- Complete the FS, ROD, and the design for cleanup for SS 08 in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** WA057212464700

Location (Size): Spokane County, Washington (4,300 acres)

Mission: Provide aerial refueling and airlift services

HRS Score: 31.98; placed on NPL in March 1989

IAG Status: FFA signed in March 1990

**Contaminants:** Solvents, fuels, electroplating chemicals,

cleaning solutions, corrosives, photographic

chemicals, paints, thinners, pesticide residues,

PCBs, VOCs, SVOCs, metals, radioactive

materials, PAHs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 64.2 million

Est. CTC (Comp Year): \$53.9 million (FY2029)

IRP Sites (Final RIP/RC): 50 (FY2012)

MMRP Sites (Final RIP/RC): 10 (FY2014)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-177

### Introduction

Fairchild Air Force Base (AFB) provides aerial refueling and airlift services. Sites include contaminated fire training areas, landfills, radioactive waste sites, spill sites (SSs), waste pits (WPs), disposal pits, and ditches. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in March 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1990 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Fairchild AFB for realignment. In FY95, the installation formed a Restoration Advisory Board to discuss the installation's cleanup progress with the community. In FY00, a partial NPL delisting effort began with the Washington State Department of Ecology and EPA. The installation prepared 22 sites for removal from the NPL. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY08.

Fairchild AFB has signed three Records of Decision (RODs), which selected cleanup actions for 28 sites. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); ten MMRP sites were identified.

### **FY10 IRP Progress**

Fairchild AFB began the proposed plan (PP) for WP 36. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues.

Regulatory issues delayed the completion of the ROD to select cleanup actions, and the start of the design for and cleanup actions at SS 39. Technical issues delayed completion of the feasibility study (FS) to evaluate cleanup alternatives for WP 36.

### **FY10 MMRP Progress**

Fairchild AFB performed an engineering evaluation and cost analysis for Skeet Range munitions response area (MRA), and awarded a contract to perform the Skeet Range MRA cleanup.

The installation also completed the site inspections at all remaining sites.

### **Plan of Action**

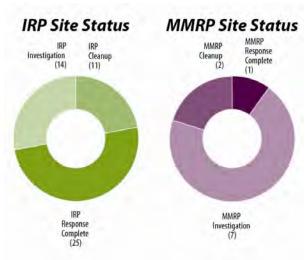
Plan of action items for Fairchild Air Force Base are grouped below according to program category.

### **IRP**

- Complete the ROD, and begin the cleanup design for and cleanup actions at SS 39 in FY11.
- Complete the Priority Three (P3) PP and draft the P3 ROD in FY11.
- Complete the WP 36 FS and obtain regulatory approval in FY11-FY12.

### **MMRP**

- Complete soil cleanup action for Skeet Range MRA in FY11.
- Obtain administrative closure determining that no further munitions response actions are necessary in FY11-FY12.



Air Force

IRP/MMRP Status Table:

Refer to page E-7-56

**FFID:** WV39799F789200

Location (Size): Nitro, West Virginia (12 acres)

Mission: Manufactured smokeless powder (private party

operated a batch chemical plant)

**HRS Score**: 36.3; placed on NPL in September 1983

IAG Status: None

**Contaminants:** Organic and inorganic chemicals, metals, dioxin

Media Affected: Groundwater and Soil

Funding to Date: \$ 0.7 million

Est. CTC (Comp Year): \$ 0.2 million (FY2018)

IRP Sites (Final RIP/RC): 1 (FY2018)
MMRP Sites (Final RIP/RC): 1 (FY2004)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

### Introduction

Fike-Artel Chemical is part of a 16,000-acre former government plant (Powder Plant "C") that manufactured smokeless powder. Environmental restoration sites are grouped into five operable units (OUs): disposal of storage tank and drum contents (OU 1); decontamination and disposal of storage tanks, surface drums, and aboveground structures (OU 2); removal of buried drums (OU 3); remedial investigation (RI) and feasibility study efforts to evaluate cleanup alternatives in groundwater and soil (OU 4); and RI of the cooperative sewage treatment plant (OU 5). The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in September 1983. Numerous potentially responsible parties (PRPs), responsible for cleanup, and commonly referred to as "the Trust," finance and perform some of the cleanup actions at the property.

In FY96, the Army conducted an inventory of sites suspected to contain muntiions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

### **FY10 IRP Progress**

The United States Army Corps of Engineers monitored the Trust's progress and processed payment requests to the Department of Justice for reimbursement costs.

### **FY10 MMRP Progress**

The installation conducted no MMRP actions, and there are no further MMRP actions planned at this property.

### **Plan of Action**

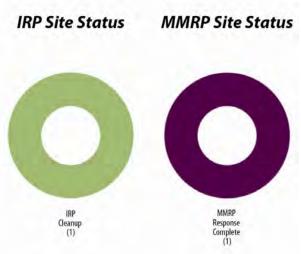
Plan of action items for Fike-Artel Chemical are grouped below according to program category.

### **IRP**

 Continue to process payment requests to the Deprtment of Justice for remimbursement costs in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



FUDS F-58

**FFID:** VA39799F156700

 Location (Size):
 Suffolk, Virginia (975 acres)

 Mission:
 Served as ordnance depot

 HRS Score:
 70.0; placed on NPL in July 1999

IAG Status: IAG negotiations on hold with EPA concurrence

**Contaminants:** TNT, solvents, fuels, pesticides, heavy metals,

MEC, SVOCs, VOCs, propellants, explosives

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$48.7 million

Est. CTC (Comp Year): \$47.3 million (FY2023)

IRP Sites (Final RIP/RC): 12 (FY2019)
MMRP Sites (Final RIP/RC): 1 (FY2023)

**Five-Year Review Status:** This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-173

### Introduction

The Army acquired the Former Nansemond Ordnance Depot (Nansemond) between 1917 and 1929 and used the Depot from World War I until November 1950, leasing the property to the Navy. In 1960, the Army transferred the property to the Beazley Foundation, Inc. Nansemond covers approximately 975 acres and is located in Suffolk, Virginia at the convergence of the James and Nansemond rivers. The current list of landowners at Nansemond includes: Tidewater Community College (TCC); the General Electric Company; Ashley Capital; Dominion Lands, Inc.; Bridgeway LP; Suffolk Towers; SYSCO Food Services: Hampton Roads Sanitation District: Lockheed Martin: the City of Suffolk Industrial Development Authority; and the Virginia Department of Transportation. Contaminants identified at the property include TNT, fuels, heavy metals, volatile organic compounds (VOCs), solvents, pesticides, and munitions and explosives of concern. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in July 1999. A federal facility agreement (FFA) is currently under negotiation between DoD and EPA to outline how they are going to proceed with cleanup. EPA delisted the impregnite kit area soils from the NPL in FY03. In FY97, Nansemond held its first Restoration Advisory Board meeting to discuss cleanup progress with the community.

To date, the U.S. Army Corps of Engineers (USACE) has signed two Records of Decision and one Decision Document, which determined that no further cleanup actions were necessary at 14 project sites.

### **FY10 IRP Progress**

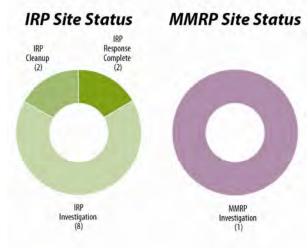
USACE continued remedial investigations (RIs) and feasibility studies (FSs) to evaluate cleanup alternatives at Horseshoe Pond, James River Beach Front, Nansemond River Beach Front, TNT Area, and The Main Burning Ground. USACE also began the site inspection (SI) for TCC Lake and J Lake; an Arsenic Investigation at Area of Concern (AOC) 22; and new RI activities at AOC 10 (Track G Magazine Line), AOC 11 (Track H and I Magazine Lines), and the impregnation kit area. USACE completed a soil and groundwater background investigation report.

Regulatory issues delayed completion of the SI for TCC Lake, and completion of the RI/FSs at Horseshoe Pond, James River Beachfront, and the Main Burning Ground. Regulatory issues also delayed completion of the proposed plans (PPs) at Horseshoe Pond, James River Beachfront, and the Main Burning Ground. Regulatory and technical issues delayed completion of the FS at the Nansemond River Beachfront and TNT Area.

### **FY10 MMRP Progress**

USACE began a shoreline geophysics investigation.

Regulatory issues delayed the completion of a comprehensive SI for all remaining areas of Nansemond, an SI for J Lake and TCC Lake, and an FS for shoreline stabilization at James River Beachfront.



### **Plan of Action**

Plan of action items for Former Nansemond Ordnance Depot are grouped below according to program category.

### IRP

- Complete SI for TCC Lake in FY11.
- Complete PPs at Horseshoe Pond, James River Beachfront, and the Main Burning Ground in FY11.
- Complete RIs at AOC 10 (Track G Magazine Line) and AOC 11 (Track H and I Magazine Lines) in FY11-FY12.
- Complete RI/FSs at the TNT Area, James River Beachfront, Horseshoe Pond, Nansemond River Beachfront, and Main Burning Ground in FY11-FY12.

### **MMRP**

- Complete Comprehensive SI for all remaining areas of Nansemond in FY11.
- Complete an SI for J Lake and TCC lake in FY11.
- Complete an FS for shoreline stabilization at James River Beachfront in FY11.
- Conduct MMRP RI on the shoreline in FY11-FY12.

FUDS F-59

## **Fort Crowder** Pools Prairie

**FFID:** MO79799F034700

**Location (Size):** Newton County, Missouri (42,786 acres)

Mission: Served as World War II Signal Corps training facility; Korean conflict-era reception station; disciplinary barracks; Atlas missile rocket engine

manufacture and testing facility; and jet engine and component manufacture and repair facility

**HRS Score:** 50.00; placed on NPL in October 1999

IAG Status: None

Contaminants: VOCs, TCE, carbon tetrachloride

Media Affected: Groundwater
Funding to Date: \$ 2.5 million

Est. CTC (Comp Year): \$ 0.6 million (FY2006)

IRP Sites (Final RIP/RC): 3 (FY2003)
MMRP Sites (Final RIP/RC): 1 (FY2006)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-7-32

### Introduction

The Army used the former Fort Crowder during World War II as a Signal Corps training center and again during the Korean conflict as a reception station. The property is located near the City of Neosho, in southwestern Missouri. In 1956, the Army transferred approximately 3,650 acres to the Air Force for the establishment of Air Force Plant 65. Approximately 4,360 acres were leased to the Missouri National Guard for a training facility, known as Camp Crowder. Air Force Plant 65 operated until 1968 as an Atlas missile manufacturing and testing facility and, until 1980, as a jet engine overhaul and testing facility. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in October 1999. In FY99, the U.S. Army Corp of Engineers (USACE) signed two administrative orders on consent for removal actions.

In FY05, USACE conducted an inspection of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP), MMRP sites were identified.

### **FY10 IRP Progress**

USACE continued technical and legal support to the Department of Justice. USACE continued monitoring the potentially responsible partie's (PRP's) execution of the pre-remedial investigation (RI), feasibility study (FS) to evaluate cleanup alternatives, and three removal actions.

### **FY10 MMRP Progress**

USACE completed a draft proposed plan and will prepare a decision document (DD) to select cleanup actions for the chemical warfare materiel (CWM) site. USACE also continued long-term management (LTM) of the CWM site.

### **Plan of Action**

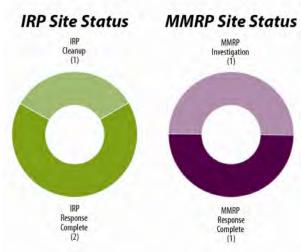
Plan of action items for Fort Crowder are grouped below according to program category.

### **IRP**

- Continue technical and legal support to the Department of Justice in FY11-FY12.
- Continue monitoring the PRP's execution of the pre-RI, FS, and three removal actions in FY11-FY12.

### **MMRP**

- · Complete DD for CWM site in FY11.
- . Continue LTM of the CWM site in FY11.



FUDS F-60

Fort Detrick NPI

**FFID:** MD321162026700

**Location (Size):** Frederick County, Maryland (1,212 acres)

Mission: Supports a multi-governmental community that conducts biomedical research and development,

medical materiel management, worldwide communications, and the study of foreign plant

pathogens

**HRS Score:** 49.52; placed on NPL in April 2009

IAG Status: N/A

**Contaminants:** VOCs, metals, biological materials, radionuclides

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$51.1 million

Est. CTC (Comp Year): \$ 11.1 million (FY2021)

IRP Sites (Final RIP/RC): 44 (FY2015)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Complete and underway IRP/MMRP Status Table: Refer to page E-6-90

### Introduction

Fort Detrick is a premier quad-services installation committed to excellence. As an Army Medical Installation, it is home to the United States Army Medical Research and Materiel Command, the National Cancer Institute, and 37 mission partners. The primary missions include biomedical research and development, medical materiel management and global telecommunications. Fort Detrick currently houses the National Interagency Confederation for Biological Research and National Interagency Biodefense Campus. The installation supports approximately 8,800 military, civilian, and contractor employees conducting biomedical research and development, medical material management, and communications. Identified restoration sites include 12 disposal and landfill (LF) areas, 10 buildings, 4 storage areas, 4 storage tank sites, 2 contaminated groundwater sites, 2 wash racks, a sewer line, a sewage treatment plant, a small arms range, a burn area, burn/open detonation area, and 4 other areas. Contaminants identified at the site include volatile organic compounds (VOCs), biological materials, metals, and radionuclides. The environmental investigations of former operations that have caused groundwater contamination at Fort Detrick have been ongoing since 1992, when the installation first identified off-post groundwater contamination. The potential risk to human health and the environment was significant enough for EPA to place the Area B groundwater site on the NPL in April 2009. Fort Detrick established a Restoration Advisory Board to discuss cleanup progress with the community in June 1993.

To date, Fort Detrick has completed cleanup or determined no further action is necessary at 35 of the 42 waste sites identified at Areas A, B, and C. The remaining seven sites are located in Area B. LF caps are being constructed on six of the seven sites. The only remaining open site at Fort Detrick is Area B Groundwater.

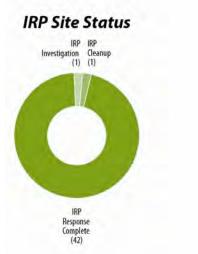
### **FY10 IRP Progress**

Fort Detrick finalized the remedial investigation (RI) workplan and awarded a contract for Area B groundwater. The installation also completed construction and began long-term management of six LF caps in Area B, and continued sampling residential wells and provided alternate water supplies to five residential locations. Fort Detrick began a five-year review report for the wastewater treatment plant in Area C and the 568 trichloroethylene (TCE) spill site in Area A, and began an Archival Search Report for previously unknown historical activities. The archive search resulted in a preliminary assessment for the historical testing of herbicides at Areas A and B.

Regulatory issues delayed the start of fieldwork for the Area B groundwater RI. Administrative issues delayed completion of the five-year review report for the wastewater treatment plant in Area C and the 568 TCE spill site in Area A.

### **FY10 MMRP Progress**

Fort Detrick has identified no sites suspected to contain munition contamination for the Military Munitions Response Program (MMRP).



### **Plan of Action**

Plan of action items for Fort Detrick are grouped below according to program category.

### IRP

- Begin fieldwork for the Area B groundwater RI, and complete a feasibility study to evaluate cleanup alternatives for the area in FY11.
- Complete five-year review report for the wastewater treatment plant in Area C and the 568 TCE spill sitein Area A in FY11.
- Complete the archival search report and the preliminary assessment for the historical outdoor herbicide testing in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** MA121042027000

Location (Size): Fort Devens, Massachusetts (9,302 acres)

Mission: Supported Reserve component training

HRS Score: 42.24; placed on NPL in November 1989

IAG Status: IAG signed in November 1991

Contaminants: VOCs, heavy metals, petroleum products, PCBs,

pesticides, herbicides, explosive compounds

Media Affected: Sediment and Groundwater

Funding to Date: \$ 153.4 million

Est. CTC (Comp Year): \$ 27.4 million (FY2042)

IRP Sites (Final RIP/RC): 76 (FY2018)
MMRP Sites (Final RIP/RC): 12 (FY2011)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-6-93

### Introduction

Prior to closure in July 1991, Fort Devens supported Reserve component training. Identified sites included landfills (LFs), vehicle and equipment maintenance and storage yards, the Defense Reutilization and Marketing Office scrap yard, motor pools, and underground storage tanks. Investigations revealed soil and groundwater contamination. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in 1989. DoD and EPA signed a federal facility agreement (FFA) in November 1991 to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of Fort Devens. In FY96, the Army closed Fort Devens and replaced it with the Devens Reserve Forces Training Area, which assumed the Army mission. The Devens Reserve Forces Training Area is also referred to as Fort Devens. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In 2005, the BRAC Commission recommended Fort Devens for realignment. In FY94, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Fort Devens completed five-year review reports in FY00 and FY05.

To date, DoD and EPA have signed multiple Records of Decision (RODs) and decision documents, which selected cleanup actions at 30 environmental and 294 restoration sites respectively. The Army, EPA, and the State have determined that no further cleanup actions were necessary at multiple sites. To date, the Army has conveyed 2,902 acres to the local redevelopment authority; 22 acres to the U.S. Department of Labor; 222 acres to the U.S. Bureau of Prisons; and 836 acres to the U.S. Fish and Wildlife Service. In FY03, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Regulatory issues delayed completion of the remedial investigation (RI) report for Area of Concern (AOC) 72. Administrative issues delayed completion of the final feasibility study (FS) to evaluate cleanup alternatives for Shepley's Hill LF. Administrative issues also delayed completion of the pesticide-contaminated soil cleanup at the former housing areas.

### **FY10 MMRP Progress**

Administrative issues delayed completion of the draft site inspection (SI) report for Munitions and Explosives of Concern (MEC) at Oak/Maple Housing Area. Administrative issues also delayed completion of the SI report for Markley Range.

### Plan of Action

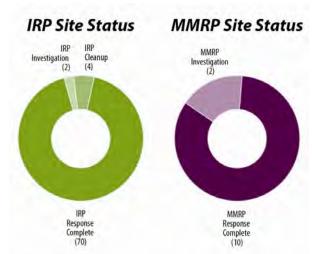
Plan of action items for Fort Devens are grouped below according to program category.

### **IRP**

- Complete the RI report and the engineering evaluation and cost analysis for removal actions for AOC 72 in FY11.
- Complete the focused FS and update the ROD for Shepley's Hill LF in FY11.
- Complete pesticide-contaminated soil cleanup at the former housing areas in FY11.

### **MMRP**

- Complete the Oak/Maple MEC SI report in FY11.
- Complete the Markley Range MEC SI Report in FY11.



**FFID:** VA321372032100

Location (Size): Newport News, Virginia (8,248 acres)

**Mission:** Serve as host to the Army Transportation Center:

provide training in all modes of transportation, including rail and marine; aviation maintenance;

involved in amphibious operations

**HRS Score**: 50.00; placed on NPL in December 1994

IAG Status: FFA signed in March 2008

Contaminants: PCBs, VOCs, pesticides, heavy metals, SVOCs,

petroleum products

Media Affected: Surface Water, Sediment, Soil, Groundwater

Funding to Date: \$ 60.2 million

Est. CTC (Comp Year): \$ 13.9 million (FY2017)

IRP Sites (Final RIP/RC): 31 (FY2013)

MMRP Sites (Final RIP/RC): 17 (FY2015)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-168

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### Introduction

Fort Eustis, home to the Army Transportation Center, is where soldiers receive education and training in all modes of transportation, aviation maintenance, logistics and deployment doctrine, and research. Identified sites include landfills, underground storage tanks, pesticide storage areas, range/impact areas, and surface impoundments. The migration of contaminants from some sites to creeks and estuaries, and the potential migration through surface water and the upper water table to the James River are the greatest concerns at the installation. Analysis of samples indicated the presence of polychlorinated biphenyls (PCBs), pesticides, polyaromatic hydrocarbons (PAHs), and lead in surface water and sediment. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1994. DoD and EPA signed a federal facility agreement (FFA) in July 2008 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended the realignment of Fort Eustis garrison functions as part of the Joint Basing effort. During FY96, the installation established an administrative record and set up information repositories at three local libraries. Since FY00, Fort Eustis has held two technical review committee meetings each year. Fort Eustis updated its community relations plan in FY06. To ensure continuous monitoring and improvement, Fort Eustis completed a five-year review report in FY08.

To date, Fort Eustis and EPA have signed five Records of Decision (RODs), which selected cleanup actions at four sites. In FY03, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Fort Eustis awarded a Performance-Based Acquisition (PBA) for seven sites, completed the remedial investigation (RI) for Felker Airfield, and the proposed plan (PP) for Bailey Creek. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed completion of the feasibility study (FS) to evaluate the cleanup alternatives, PP, and ROD for the Fire Training Area site; and completion of the FS, PP, and ROD for the Skeet Range Wetland. Regulatory issues also delayed completion of the FS, PP, and ROD for Felker Airfield. Administrative issues delayed the ROD for Bailey Creek.

### **FY10 MMRP Progress**

Fort Eustis awarded a PBA for six sites.

# IRP Site Status IRP Investigation Cleanup (3) IRP Response Complete (8) IRP Response Complete (223) IRP Response Complete (1)

### **Plan of Action**

Plan of action items for Fort Eustis are grouped below according to program category.

### **IRP**

- Complete the FS, PP, and ROD for the Fire Training Area site, Felker Airfiled and the Skeet Range Wetland in FY11.
- Complete the ROD for Bailey Creek in FY11.
- Complete the design for cleanup and cleanup actions at Eustis Lake in FY11.

### **MMRP**

- Complete the RI/FS, PP, ROD, design for cleanup, and cleanup actions at the 1,000-inch Rifle Range in FY11.
- Complete the RI at Langley Field Gunnery Range, Bombing Target H, Camp Wallace Firing Fan, Skeet Range, and Skeet Range-TD in FY11.

Fort George G. Meade NPL/BRAC 1988

**FFID:** MD321022056700

**Location (Size):** Fort Meade, Maryland (5,142 acres)

**Mission:** Served as administrative post for various DoD

tenants

HRS Score: 52.0; placed on NPL in July 1998; Tipton Airfield

delisted from NPL in November 1999

IAG Status: FFA signed in June 2009

**Contaminants:** Chloronated solvents, metals, munitions and

explosives of concern, petroleum hydrocarbons, VOCs, SVOCs, explosives, propellants, PAHs.

cs, 5vocs, explosives, propellants,

pesticides

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 107.8 million

Est. CTC (Comp Year): \$ 12.6 million (FY2026)

IRP Sites (Final RIP/RC): 45 (FY2014)
MMRP Sites (Final RIP/RC): 9 (FY2012)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-90

### Introduction

Fort George G. Meade (Fort Meade) served as an administrative post for various DoD tenants, primarily the National Security Agency. Investigations beginning in FY88 identified several areas of concern, including landfills, petroleum and hazardous waste storage areas, aboveground storage tanks, underground storage tanks, asbestos-containing material in structures, and unexploded ordnance (UXO). The potential risk to human health and the environment was significant enough for EPA to place Fort Meade on the NPL in July 1998. EPA delisted the Tipton Airfield parcel from the NPL in November 1999. DoD and EPA signed a federal facility agreement (FFA) in 2009 to outline how they were going to proceed with cleanup. In December 1988, the BRAC Commission recommended closing the Fort Meade range and training areas and realigning the installation as an administrative center. In July 1995, the BRAC Commission recommended additional realignment, reducing Kimbrough Army Community Hospital to a clinic. The installation formed a BRAC cleanup team in FY94 to develop a process for cleanup of sites, and a Restoration Advisory Board (RAB) in FY95 to communicate cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, the installation has completed three No Further Action Records of Decision (RODs), which determined that no further cleanup activities were necessary at Tipton Airfield and the Clean Fill Dump. In FY04, the Army conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Fort Meade continued BRAC property long-term management (LTM) and inspections of land-use controls (LUCs), which restrict use of or access to sites. The installation completed a remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives for the Trap and Skeet Range 17. The installation also submitted the Ordnance Demolition Area proposed plan (PP) and completed the Performance-Based Contract (PBC) requirements for the former Granite Nike Site.

Fort Meade submitted a five-year review report for the Clean Fill Dump and Tipton Airfield Parcel Sites.

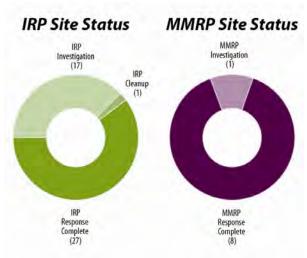
Technical issues delayed completion of the RI/FS at the former Pesticide Shop and Manor View Dump Site. Technical issues also delayed the start of cleanup at the Trap and Skeet Range 17. Regulatory issues delayed completion of the PPs and RODs for the Defense Reutilization and Marketing Office (DRMO), former Pesticide Shop and the Architect of the Capital sites. Technical and regulatory issues delayed completion of the PBC requirements for Operable Unit (OU) 4, the DRMO, and the former Trap and Skeet Range.

Fort Meade held bimonthly RAB meetings.

### **FY10 MMRP Progress**

Fort Meade completed a UXO investigation of the Little Patuxent River and former landfill sites to maintain LUCs for the Tipton Airfield Parcel and High Explosives Impact Area sites.

Technical issues delayed completion of the RI/FS for the Mortar Range.



### **Plan of Action**

Plan of action items for Fort George G. Meade are grouped below according to program category.

### **IRP**

- Complete RI/FS for the former Pesticide Shop and Manor View Dump site in FY11.
- Complete PPs and RODs for the DRMO, former Pesticide Shop, and the Architect of the Capitol sites in FY11.
- Complete PBC requirements for OU 4, the DRMO, and the former Trap and Skeet Range in FY11.
- Continue BRAC property LTM and inspections of LUCs in FY11.
- Complete design for cleanup and cleanup of the Trap and Skeet Range 17 in FY11.
- Submit Ordnance Demolition Area ROD in FY11.
- Finalize five-year review report for the Clean Fill Dump and Tipton Airfield Parcel in FY11.
- Begin cleanup at the Trap and Skeet Range 17 in FY12.

### **MMRP**

- · Complete RI/FS for the Mortar Range in FY11.
- Complete explanation of significant differences with the ROD for the Tipton Airfield Parcel and PP for the High Explosives Impact Area in FY11-FY12.
- Complete removal actions and five-year review reports for Tipton Airfield Parcel in FY11-FY12.
- Continue LUC activities at the Tipton Airfield Parcel and High Explosives Impact Area in FY11-FY12.

**FFID:** GA421402004600

**Location (Size):** Forest Park, Georgia (1,426 acres)

Mission: Supported FORSCOM readiness missions

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Metals, PAHs, VOCs, pesticides, POLs,

chlorinated solvents, SVOCs

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$ 35.1 million

Est. CTC (Comp Year): \$ 8.5 million (FY2015)

IRP Sites (Final RIP/RC): 15 (FY2013)
MMRP Sites (Final RIP/RC): 1 (FY2011)

**Five-Year Review Status:** This installation is not required to complete a

five-year review report.

### Plan of Action

IRP/MMRP Status Table:

Plan of action items for Fort Gillem are grouped below according to program category.

Refer to page E-7-19

### **IRP**

- Award contract to complete the remedial investigations for sites FTG 01, 04 and 09 in FY11-FY12.
- Continue the closure of USTs throughout the installation including Building 610 UST sites in FY11-FY12.
- Receive regulatory concurrence determining that no further cleanup actions are necessary on sites FTG 02, 03, 05, 08, 11 and 14 in FY11-FY12.
- Continue to monitor the reuse plans with the BRAC cleanup team and the Local Redevelopment Authority in FY11-FY12.

### **MMRP**

• Obtain regulatory approval for cleanup method at the Trap and Skeet Range in FY11.

### Introduction

Fort Gillem supports Army Forces Command readiness missions and is home for many Army Forces Command and Fort McPherson activities. The Eastern Distribution Region of the Army and Air Force Exchange Service uses approximately 60 acres for storage. Fort Gillem also supports the Federal Emergency Management Agency disaster relief activities by providing warehouse and office space. The 2005 BRAC Commission recommended Fort Gillem, a sub-installation of Fort McPherson, for closure. The installation is comprised of approximately 1,426 acres and is surrounded by residential and commercial properties. In FY07, the installation solicited public interest in establishing a Restoration Advisory Board (RAB) to discuss cleanup progress with the community, but concluded that there was not enough interest to convene a RAB.

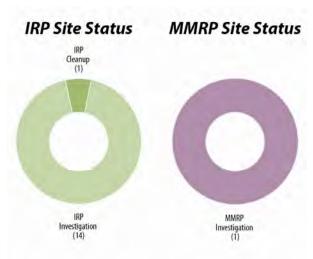
### **FY10 IRP Progress**

Fort Gillem ensured that all required cleanup actions continue at sites FTG 02, 07, 09 and 13, and completed cleanup actions at site FTG 11. The installation continued the cleanup and monitoring of Building 610 leaking underground storage tank (UST) sites, and continued the cleanup and baseline risk assessment for sites FTG 03, 05, 06, 08 and 14. Fort Gillem installed two pump and treatment systems to keep contamination from migrating off-site and began the acquisition process to complete the cleanup of sites FTG 01, 04, 07, 09, 10 and 13.

Technical issues delayed closure of Building 610 leaking UST sites. Technical, administrative, and regulatory issues delayed completion of cleanup actions at site FTG 10.

### FY10 MMRP Progress

Fort Gillem finalized the work plan for the Trap and Skeet Range and completed the fieldwork in support of the site inspection, remedial investigation, and baseline risk assessment for the Trap and Skeet Range.



# Fort Lewis Logistics Center

**FFID:** WA021402050600

**Location (Size):** Fort Lewis, Washington (86,176 acres)

Mission: Serve as host to I Corps Headquarters; plan and

execute Pacific, NATO, or other contingency missions; provide troop training, airfield, medical

center, and logistics

HRS Score: 42.78 (Landfill No. 5), placed on NPL in July

1987, delisted from NPL in May 1995; 35.48

(Logistics Center), placed on NPL in November

1989

IAG Status: IAG signed in January 1990

**Contaminants:** PAHs, VOCs, battery electrolytes, PCBs, heavy

metals, POLs

Media Affected: Soil

Funding to Date: \$ 96.1 million

Est. CTC (Comp Year): \$ 8.0 million (FY2017)

IRP Sites (Final RIP/RC): 57 (FY2012)
MMRP Sites (Final RIP/RC): 15 (FY2013)

Five-Year Review Status: Completed and planned

IRP/MMRP Status Table: Refer to page E-7-55

### Introduction

Fort Lewis is located approximately 15 miles south of Tacoma. Washington. Its mission includes planning and executing Pacific, NATO, and other contingency missions; providing troop training; operating an airfield and medical center; and providing logistical support. Contaminated sites identified at Fort Lewis include landfills (LFs), former ranges, and spill sites. Primary contaminants include organic solvents, heavy metals, and fuels. The potential risk to human health and the environment was significant enough for EPA to place two Fort Lewis sites on the NPL in July 1987 and November 1989. DoD and EPA signed an interagency agreement (IAG) in January 1990 to outline how they were going to proceed with cleanup. EPA removed LF 5 from the NPL in May 1995. In 2005, the BRAC Commission recommended Fort Lewis for realignment. Fort Lewis developed a community relations program, but due to lack of public interest the installation has not formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Fort Lewis completed five-year review reports in FY97, FY02, and FY07.

To date, Fort Lewis has signed three Records of Decision (RODs), which selected cleanup actions at four environmental restoration sites, and decision documents for five other sites. In FY07, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

### **FY10 IRP Progress**

Fort Lewis completed a feasibility study to evaluate cleanup alternatives at seven state sites and drafted an explanation of significant difference for five sites in the Logistics Center ROD. The installation also completed the draft technical memoranda for closure of six sites listed in the federal facility agreement (FFA).

Regulatory issues delayed completion of an explanation of significant differences for the Logistics Center ROD, and soil removal at former Miller Hill Range and Skeet Ranges.

### **FY10 MMRP Progress**

Fort Lewis began an investigation at the B-Range.

Regulatory issues delayed cleanup at the former Skeet Range.

### **Plan of Action**

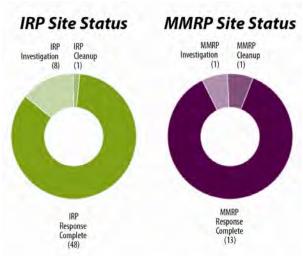
Plan of action items for Fort Lewis are grouped below according to program category.

### **IRP**

- Complete soil removal at Miller Hill Range and Skeet Ranges in FY11.
- Obtain EPA approval for explanations of significant differences and technical memoranda for Logistics Center ROD in FY11.
- Assume environmental restoration responsibilities from McChord Air Force Base in FY11.

### **MMRP**

- Complete cleanup at the former Skeet Range in FY11.
- Complete invesitgation and clearance at the B-Range in FY11.



**FFID:** AL421372056200

**Location (Size):** Anniston, Alabama (41,191 acres)

**Mission:** Served as host to the U.S. Army Chemical

School, the U.S. Army Military Police School, and

the DoD Polygraph Institute

HRS Score: N/A
IAG Status: N/A

**Contaminants:** VOCs, SVOCs, pesticides, explosives, metals,

UXO, radioactive sources, non-stockpile

chemical warfare materiel

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 254.9 million

Est. CTC (Comp Year): \$ 213.1 million (FY2030)

IRP Sites (Final RIP/RC): 130 (FY2018)

MMRP Sites (Final RIP/RC): 7 (FY2030)
Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-6-1

### Introduction

The mission of Fort McClellan was to serve as host to the U.S. Army Chemical School, the U.S. Army Military Police School, and the DoD Polygraph Institute. Studies since FY90 have identified the following site types at Fort McClellan: maintenance facility areas; training and range areas; underground storage tanks; landfills; incinerators; storage handling areas for toxic and hazardous materials; and chemical agent and radioactive substance training, storage, and disposal areas. The main contaminants of concern are chlorinated volatile organic compounds (VOCs) in groundwater and lead in soils. In July 1995, the BRAC Commission recommended closing most Fort McClellan facilities. In FY95, the installation established information repositories at three locations, and the community formed a local redevelopment authority. The installation formed a BRAC cleanup team in FY96 to develop a process for cleanup of sites, and completed a BRAC cleanup plan with community input in FY98 to prioritize sites requiring environmental restoration. In FY96, the installation formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. The installation provided funding for technical assistance for public participation to the RAB in FY02 through FY05, and FY08 through FY10. To ensure continuous monitoring and improvement, the installation completed a five-year review report for the General Service Administration warehouse area in FY09.

To date, the installation has transferred 18,522 acres. The installation also has completed 6 action memoranda and 95 decision documents, which selected cleanup actions at environmental restoration sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Fort McClellan completed fieldwork at the ranges near Training Area T 24A for the baseline assessment of potential risks to the environment. The installation also completed the cleanup of lead contaminated soil at Baby Bains Gap Road Range 20.

The installation awarded funding for technical assistance for public participation to the RAB, and the BRAC cleanup team held facilitated meetings.

### **FY10 MMRP Progress**

Fort McClellan completed an interim removal action on 240 acres in the Charlie Area.

### **Plan of Action**

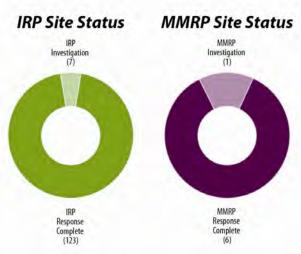
Plan of action items for Fort McClellan are grouped below according to program category.

### **IRP**

- Complete the remedial investigation for the ranges near Training Area T 24A and the Baby Bains Gap Road Ranges in FY11-FY12.
- Complete the feasibility study to evaluate cleanup alternatives for the 81mm Mortar Range and Bains Gap Road Ranges in FY11-FY12.

### **MMRP**

 Complete the engineering evaluation and cost analysis for the Charlie Area in FY11-FY12.



**FFID:** GA421402056500

Location (Size): Atlanta, Georgia (487 acres)

**Mission:** Served as host to the U.S. Army Forces

Command Headquarters, the U.S. Army Reserve

Command, and the Headquarters of the Third

U.S. Army.

HRS Score: N/A

IAG Status: N/A

Contaminants: POLs, metals, solvents, VOCs

Media Affected: Groundwater
Funding to Date: \$ 10.2 million

Est. CTC (Comp Year): \$ 0.4 million (FY2014)

IRP Sites (Final RIP/RC): 13 (FY2014)

MMRP Sites (Final RIP/RC): 4 (FY2011)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-7-19

### Introduction

Fort McPherson houses the U.S. Army Forces Command Headquarters, the U.S. Army Reserve Command, and the Headquarters of the Third U.S. Army. Sites include a contaminated fill area, a surface disposal area, four oil-water separators, former small arms ranges, an active small arms range, aboveground storage tanks, and multiple underground storage tanks (USTs). In 2005, the BRAC Commission recommended Fort McPherson for closure and disposal. In FY07, Fort McPherson established a Restoration Advisory Board to discuss the installation's cleanup progress with the community.

Fort McPherson conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) in FY06; MMRP sites were identified.

### **FY10 IRP Progress**

Fort McPherson awarded a contract to conduct a site inspection (SI) at the former Crematory Site.

Technical issues delayed completion of the SI at the former Crematory Site and the SI for the former Water Tower, which is delayed indefinitely because suspected contamination is below maximum contaminant level and cleanup is no longer necessary. Regulatory issues delayed determination that no further cleanup actions are necessary for the Ash Disposal Dump Site (FTMP 06).

### **FY10 MMRP Progress**

Fort McPherson conducted an SI for the former Trap and Skeet Range.

### **Plan of Action**

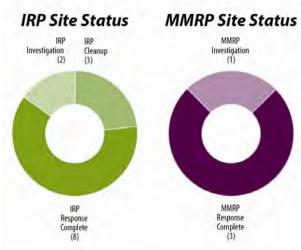
Plan of action items for Fort McPherson are grouped below according to program category.

### **IRP**

- Conduct SI at the former Crematory Site in FY11.
- Complete sampling and receive determination that no further cleanup actions are necessary on the Ash Disposal Dump Site (FTMP 06) in FY11.

### **MMRP**

- Develop proposed plan for the former Trap and Skeet Range in FY11.
- Conduct SI of the Small Arms Range (FTMP 12) in FY11.



**FFID:** NJ221382059700

**Location (Size):** Monmouth County, New Jersey (1,338 acres)

Mission: Conducted research and development of C4ISR

systems

HRS Score: N/A

**IAG Status:** FFA signed in July 1990

**Contaminants:** Petroleum hydrocarbons, VOCs, SVOCs, PCBs,

heavy metals, radionuclides

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$ 29.4 million

Est. CTC (Comp Year): \$ 17.3 million (FY2015)

IRP Sites (Final RIP/RC): 55 (FY2011)
MMRP Sites (Final RIP/RC): 1 (FY2008)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-110

### Introduction

Fort Monmouth's mission is to conduct research and development. Prominent sites at Fort Monmouth include landfills, underground storage tanks, hazardous waste storage areas, polychlorinated biphenyl (PCB) spill areas, asbestos areas, and radiological storage and spill areas. Contaminants in groundwater and soil include chlorinated solvents, volatile organic compounds (VOCs), and heavy metals. DoD and EPA signed a federal facility agreement (FFA) in July 1990 to outline how they were going to proceed with cleanup. In 1993, the BRAC Commission recommended realignment of Fort Monmouth. This realignment resulted in the closure of the Evans Area; the transfer of part of the Charles Wood Area to the Navy; and the relocation of personnel from the leased space, the Evans Area, and Vint Hill Farms Station to the Main Post and the Charles Wood Area. To accelerate transfer, the Army divided the Fort Monmouth BRAC property into eight parcels: the Charles Wood Housing Area and seven parcels in the Evans Area. In 2005, the BRAC Commission recommended closure of the Fort Monmouth Main Post and Charles Wood Area. In FY94, the Evans Area formed a BRAC cleanup team to develop a process for cleanup of sites and completed the BRAC cleanup plan to prioritize sites requiring environmental restoration. In FY96, the Evans Area formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. In FY07, the installation formed another RAB for the BRAC 2005 Main Post and Charles Wood Area. To ensure continuous monitoring and improvement, Fort Monmouth completed a five-year review report in FY06.

To date, the installation has transferred the Evans Area Parcels D and F by deed. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

### **FY10 IRP Progress**

The cost of completing environmental restoration has changed significantly due to regulatory issues.

Regulatory issues delayed completion of cleanup at the Building 9004 septic tank and transfer of the remaining two acres. Administrative issues delayed assignment of Parcel D to the Department of Education and support transfer to Brookdale College.

### **FY10 MMRP Progress**

Fort Monmouth conducted no MMRP activities.

# IRP Site Status IRP Cleanup (12) IRP Response Complete (43) MMRP Site Status MMRP Site Status

### **Plan of Action**

Plan of action items for Fort Monmouth are grouped below according to program category.

### **IRP**

- Complete cleanup at the Building 9004 septic tank and transfer the remaining two acres in EY11
- Assign Parcel D to the Department of Education and support transfer to Brookdale College in FY11.
- Continue oxygen injections at Sites M2, M58, M61 and M64 in FY11.
- Continue to inject compounds that release hydrogen at Sites M5, M22 and M59 on the Main Post and the Charles Wood Area in FY11.
- Complete biennial classification exception area reports in FY11.
- Continue to perform pump and treat cleanup at Sites M22 and M53 in FY11.
- Perform five-year review report for FTMM35 Groundwater at Evans Area in FY11

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

Fort Monroe BRAC 2005 Closure

**FFID:** VA321372060300

**Location (Size):** Hampton, Virginia (570 acres)

Mission: Provided quality base operations for five major

defense agencies

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Metals, MEC, explosives, propellants, SVOCs,

VOCs

Media Affected: Sediment and Soil

Funding to Date: \$ 7.1 million

Est. CTC (Comp Year): \$ 72.8 million (FY2016)

IRP Sites (Final RIP/RC): 17 (FY2013)
MMRP Sites (Final RIP/RC): 16 (FY2016)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table: Refer to page E-6-169

### Introduction

Fort Monroe provides quality base operations support for several national defense agencies while preparing the Fort Monroe community for the future. Cleanup at Fort Monroe has included the removal of soil or liquid hydrocarbons from leaking underground storage tanks. In 2005, the BRAC Commission recommended closure of Fort Monroe. In FY06, the installation designated a Base Transition Coordinator and an interim BRAC Environmental Coordinator. The installation also formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY07, the Governor of Virginia established the Fort Monroe Federal Area Development Authority.

Fort Monroe is reverting Approximately 288 acres back to the Commonwealth of Virginia; 77 additional are not yet under a deed and ownership is undetermined. The following sites at Fort Monroe have completed cleanup: Sites 1 and 2 (two former landfills [LFs]), Site 3 (a classified document incinerator), and Site 4, (unexploded ordnance at the whole installation). In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

### **FY10 IRP Progress**

Fort Monroe was awarded a contract for removal actions and began soil sampling and delineation for three soil removal actions. The installation received regulatory concurrence determining that no further cleanup actions were necessary on 13 expanded site inspection sites. The installation also continued risk assessment and further delineation on three sites in the remedial investigation (RI) phase; Dog Beach LF, the Moat, and Buildings 204/205.

Regulatory and technical issues delayed concurrence determining that no further cleanup actions were necessary at 13 additional sites.

Fort Monroe held quarterly RAB meetings.

### **FY10 MMRP Progress**

Fort Monroe completed the RI and feasibility study to evaluate cleanup alternatives for all land based areas of the post, and prepared the proposed cleanup plan. The installation conducted an anomaly investigation in the moat.

Regulatory and technical issues delayed completion of the proposed cleanup plan and decision document (DD), and completion of the Moat investigation report.

Fort Monroe held quarterly RAB meetings and a public meeting to discuss the proposed cleanup plan. No public comments were received.

### **Plan of Action**

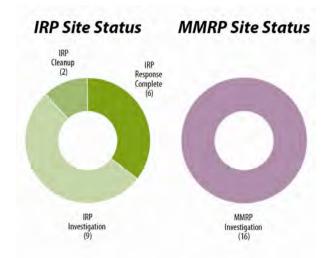
Plan of action items for Fort Monroe are grouped below according to program category.

### **IRP**

- Receive regulatory concurrence that no further cleanup actions are necessary at 13 additional sites in FY11.
- Complete soil removals at three sites in FY11.
- Complete proposed cleanup plan for Dog Beach LF, the Moat, and Buildings 204/205 in FY11.

### **MMRP**

- Complete the land use control implementation control plan, which restricts use of and access to 12 munitions reponse areas in FY11.
- Complete proposed cleanup plan and DD in FY11.
- Complete moat RI/FS to move to land use controls in FY11.



**FFID**: CA921372067600

Location (Size): Marina, California (27,827 acres)

**Mission:** Served as host to 7th Infantry Division (Light):

supports the Defense Language Institute Foreign Language Center, currently at the Presidio of

Monterey, California

**HRS Score**: 42.24; placed on NPL in February 1990

**IAG Status:** FFA signed in July 1990

Contaminants: VOCs, petroleum hydrocarbons, heavy metals,

\$ 501.4 million

pesticides, SVOCs, explosives, propellants

Media Affected: Groundwater and Soil

Est. CTC (Comp Year): \$ 326.4 million (FY2037)

IRP Sites (Final RIP/RC): 46 (FY2017)

**Funding to Date:** 

MMRP Sites (Final RIP/RC): 22 (FY2019)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-6-21

### Introduction

From 1917 to 1994, Fort Ord served primarily as a training and staging installation for infantry units. In FY87, a hydrogeological investigation identified the Fort Ord sanitary landfills (LFs) as potential sources of contamination. Identified sites including LFs; underground storage tanks; motor pools; family housing areas; fire training areas; an 8,000-acre impact area; and an ordnance and explosives disposal area. In addition, Fort Ord discovered petroleum hydrocarbons and volatile organic compounds (VOCs) had contaminated the groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in 1990. DoD and EPA signed a federal facility agreement (FFA) in July 1990 to outline how they were going to proceed with cleanup. In 1991, the BRAC Commission recommended closure of Fort Ord and moving the 7th Infantry Division (Light) to Fort Lewis, Washington. The Army closed Fort Ord in September 1994. In FY94, Fort Ord converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB). The installation also formed a BRAC cleanup team to develop a process for cleanup of sites at Fort Ord. In FY99, the installation reestablished the technical review committee and dissolved the RAB. To ensure continuous monitoring and improvement, Fort Ord completed five-year review reports in FY02 and FY07.

To date, Fort Ord has transferred over 19,100 acres. The installation has completed 15 Records of Decision (RODs), which selected cleanup actions at environmental sites. The installation also conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); 22 MMRP sites were identified.

### **FY10 IRP Progress**

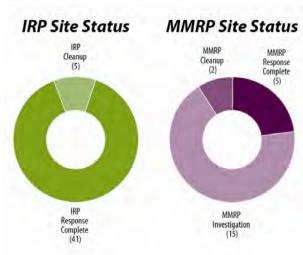
Fort Ord began excavation of Site 39 soil and placement of the soil at the operable unit (OU) 2 landfill. The installation completed the explanation of significant differences for the OU 1 off-site treatment system. The installation also continued transferring the properties found suitable to transfer, and continued operation of the groundwater treatment systems at Site 2/12, and OUs 1 and 2. Fort Ord installed additional

components of a cleanup system and extraction wells for the OU carbon tetrachloride groundwater treatment project.

### **FY10 MMRP Progress**

The installation completed the prescribed burns and munitions clearance at Burn Units 14 and 19. The installation began the remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives for all remaining munitions response sites (MRSs) from site work plan and preparations for the prescribed burns and munitions clearance at Bureau of Land Management (BLM) Units 15 and 21. As a part of the Environmental Services Cooperative Agreement (ESCA), the installation continued field work in the Group 1 area, and issued a draft RI/FS work plan for the ESCA Group 3 and 4 areas. The installation completed a draft RI/FS, and a Track 1 memo determining that no further cleanup actions are necessary in the County North portion of the area for the ESCA group 2 area.

Technical issues delayed completion of the prescribed burns and munitions clearance at BLM Units 15 and 21. Regulatory issues delayed completion of cleanup at the California State University and Monterey Bay, and the proposed plan (PP) and ROD for the ESCA Group 2 munitions response sites.



### Plan of Action

Plan of action items for Fort Ord are grouped below according to program category.

### **IRP**

- Continue transferring properties found suitable to transfer for Site 11 in FY11.
- Continue cleanup actions for the carbon tetrachloride groundwater treatment project in FY11-FY12.
- Continue excavation and placement of the soil at Site 39 in FY11-FY12.
- Continue groundwater treatment at Sites 2 and 12 and OUs 1 and 2 in FY11-FY12.
- Continue evaluation and implementation of optimization efforts for the three groundwater treatment plants in FY11-FY12.

### **MMRP**

- Complete the PP and ROD for the ESCA Group 2 munitions response sites in FY11.
- Continue field work at the ESCA Group 1 area in FY11.
- Continue RI/FS for remaining MRSs from work plan in FY11.
- Conduct prescribed burns and munitions clearance at BLM Units 15 and 21 in FY11.
- Complete the PP and ROD for the ESCA Groups 3 and 4 MRSs in FY11-FY12.

Fort Richardson NPI

**FFID**: AK021452215700

**Location (Size):** Anchorage, Alaska (64,470 acres)

**Mission:** Support and sustain forces assigned to U.S.

Army Alaska

**HRS Score:** 50.00; placed on NPL in May 1994

IAG Status: FFA signed in December 1994

**Contaminants:** White phosphorus, PCBs, heavy metals, POLs,

solvents, pesticides, VOCs, dioxins, SVOCs

Media Affected: Surface Water and Soil

Funding to Date: \$ 101.4 million

Est. CTC (Comp Year): \$ 74.2 million (FY2018)

IRP Sites (Final RIP/RC): 94 (FY2013)
MMRP Sites (Final RIP/RC): 15 (FY2011)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-3

### Introduction

Since World War II, Fort Richardson has supported combat unit training and operations. These activities contaminated soil, surface water, sediment, and groundwater with petroleum/oil/lubricants (POLs), solvents, and polychlorinated biphenyls (PCBs). Parts of a 2,500-acre wetland (Eagle River Flats) that served as an active ordnance impact area contain white phosphorus. The potential risk to human health and the environment was significant enough for EPA to place Fort Richardson on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in December 1994 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Fort Richardson for realignment. In FY98, the installation formed a Restoration Advisory Board to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, Fort Richardson completed five-year review reports in FY03 and FY08.

To date, the installation has signed five Records of Decision, which selected cleanup actions at environmental restoration sites. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Fort Richardson completed long-term management (LTM) plans for Operable Units (OUs) B and E, and implemented the LTM plan for OU C. The installation also completed the bedrock model at Poleline Road, began a remedial investigation (RI) at the Nike Site Summit, and evaluated cleanup requirements for new sites. Fort Richardson transferred 11 compliance restoration sites into the Installation Restoration Program (IRP).

### **FY10 MMRP Progress**

Fort Richardson received concurrence from regulatory agencies determining that no further cleanup actions are necessary for eight sites, and began RI activities at seven sites.

Regulatory issues delayed concurrence from regulatory agencies determining that no further cleanup actions are necessary for three remaining sites.

### **Plan of Action**

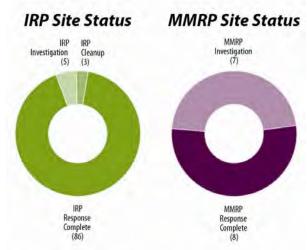
Plan of action items for Fort Richardson are grouped below according to program category.

### **IRP**

- Transfer environmental restoration responsibilities to Elmendorf AFB under Air Force management in FY11.
- Complete RI and feasibility study (FS) to evaluate cleanup alternatives and decision document for the Nike Site Summit in FY11.

### **MMRP**

- Complete RI/FS for seven sites in FY11.
- Recieve regulatory concurrence determining that no further cleanup actions are necessary for three sites in FY11.



**FFID**: KS721402075600

**Location (Size):** Junction City, Kansas (100,656 acres)

**Mission:** Provide training, readiness, and deployability for

three component combat brigades, one combat aviation brigade, and one sustainment brigade;

active and reserve component units

HRS Score: 33.8; placed on NPL in August 1990

IAG Status: IAG signed in June 1991

Contaminants: Pesticides, lead, VOCs, metals, solvents

Media Affected: Groundwater and Soil

Funding to Date: \$ 79.5 million

Est. CTC (Comp Year): \$ 5.6 million (FY2014)

IRP Sites (Final RIP/RC): 75 (FY2014)

MMRP Sites (Final RIP/RC): 4 (FY2012)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-7-25

### Introduction

Fort Riley provides facilities for several active and reserve Army combat brigades. The installation has five operable units (OUs): Southwest Funston Landfill (LF) (OU 1), Pesticide Storage Facility (OU 2), Dry Cleaning Facilities Area (OU 3), Former Fire Training Area - Marshall Army Airfield (OU 4), and 354 Area Solvent Detections (OU 5). The potential risk to human health and environment was significant enough for EPA to place Fort Riley on the NPL in August 1990. The installation established a Restoration Advisory Board in 1997 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed one five-year review report for OUs 1 and 2 in FY02, and another for OUs 1, 2, 4, and 5 in FY07.

To date, the installation has completed five Records of Decision for OUs 1 through 5, which selected cleanup actions at these sites. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Fort Riley completed monitoring at OU 1 and continued monitoring at OU 3, began cleanup at Sites FTRI 063, 066, and 068 at Camp Funston, and completed the explanation of significant differences at OU 2 and closed the site. The installation also continued monitoring and contracted retreatment of the abandoned gasoline line, and completed a report on cleanup actions at OUs 1 and 4.

Administrative issues delayed site treatment of the abandoned gasoline line. Regulatory issues delayed completion of the report on cleanup actions at OU 5.

### **FY10 MMRP Progress**

Fort Riley completed the remedial investigation work plan and began fieldwork at Sherman Heights Small Arms Range Impact Slope.

Technical issues delayed the start of field work at Forsyth LF Area 2.

### **Plan of Action**

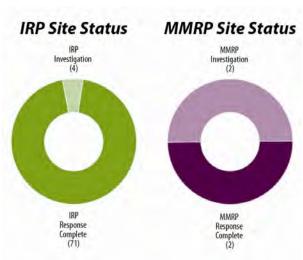
Plan of action items for Fort Riley are grouped below according to program category.

### **IRP**

- Complete report on cleanup for OU 5 in FY11.
- Continue operation of cleanup systems at sites FTRI 063, 066, and 068 in FY11.
- Continue monitoring at OU 3 in FY11.
- Complete site treatment of the abandoned gasoline line in FY11.

### **MMRP**

- Complete fieldwork at Sherman Heights Small Arms Range Impact Slope in FY11.
- Begin report on Sherman Heights Small Arms Range Impact Slope in FY11.
- · Begin fieldwork at Forsyth LF Area 2 in FY11.



**FFID:** IL521402083800

**Location (Size):** Fort Sheridan, Illinois (709 acres)

**Mission:** Provided administrative and logistical support;

non-excess property currently used as Army

Reserve installation and Navy housing area

HRS Score: N/A
IAG Status: N/A

Contaminants: Metals, VOCs, UXO, fuel hydrocarbons, PAHs,

SVOCs

Media Affected: Soil

Funding to Date: \$ 57.5 million

Est. CTC (Comp Year): \$ 3.0 million (FY2015)

IRP Sites (Final RIP/RC): 68 (FY2015)
MMRP Sites (Final RIP/RC): 3 (FY2011)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-23

**BRAC 1988** 

### Introduction

Fort Sheridan's missions have included cavalry and infantry training, Nike systems maintenance, and administrative and logistical support. Contaminated sites include Landfills (LFs), pesticide storage areas, hazardous material storage areas, underground storage tanks, polychlorinated biphenyl (PCB)-containing transformers, and unexploded ordnance areas. Petroleum hydrocarbons, volatile organic compounds (VOCs), and polyaromatic hydrocarbons (PAHs) affect groundwater and soil. In December 1988, the BRAC Commission recommended closure of Fort Sheridan. The installation formed a BRAC cleanup team in 1994 to develop a process for cleanup of sites. In FY95, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. In FY99, the RAB requested and received funding for technical assistance for public participation. To ensure continuous monitoring and improvement, Fort Sheridan completed a five-year review report in FY08.

In FY03, Fort Sheridan conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Administrative issues delayed the completion of the Record of Decision (ROD), which selected cleanup actions for all related cleanup at LF 1.

### **FY10 MMRP Progress**

Administrative issues delayed the completion of a survey of munitions of concern at one of the anti-aircraft artillery firing points.

### **Plan of Action**

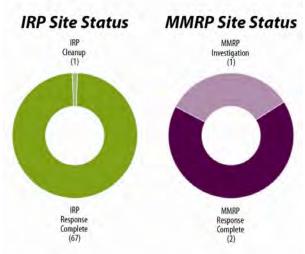
Plan of action items for Fort Sheridan are grouped below according to program category.

### IRP

 Complete the ROD and all related cleanup at LF 1 in FY11.

### **MMRP**

 Conduct a survey of munitions of concern at one of the anti-aircraft artillery firing points in FY11.



Fort Wainwright NPI

**FFID**: AK021452242600

**Location (Size):** Fairbanks, Alaska (917,993 acres)

**Mission:** Serve as headquarters of the 172nd Infantry

Brigade (Separate)

**HRS Score**: 50.00; placed on NPL in August 1990

IAG Status: FFA signed in November 1991

**Contaminants:** PCBs, SVOCs, POLs, heavy metals, solvents,

pesticides, paints, UXO, VOCs, Explosives,

Propellants

Media Affected: Groundwater and Soil

Funding to Date: \$ 180.9 million

Est. CTC (Comp Year): \$28.1 million (FY2040)

IRP Sites (Final RIP/RC): 84 (FY2014)

MMRP Sites (Final RIP/RC): 15 (FY2013)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-3

### Introduction

Since World War II, Fort Wainwright has housed light infantry brigades, most recently the 172nd Stryker Brigade Combat Team and the 1-501st Airborne Battalion. Studies at the installation identified drum burial sites, underground storage tanks, a railroad car off-loading facility, an open burn and open detonation area, a former ordnance disposal site, solvent groundwater contaminated areas, petroleum/oil/lubricant (POL) contaminated areas, and pesticide-contaminated soil. The potential risk to human health and the environment was significant enough for EPA to place Fort Wainwright on the NPL in 1990. DoD and EPA signed a federal facility agreement (FFA) in 1991 to outline how they were going to proceed with cleanup. In FY97, Fort Wainwright formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The RAB adjourned in FY04 at the recommendation of the community co-chair and community RAB members. The installation determined there was insufficient interest to reestablish the RAB in FY07. To ensure continuous monitoring and improvement, Fort Wainwright completed five-year review reports in FY01 and FY06.

To date, the installation has signed five Records of Decision (RODs), which selected cleanup actions at environmental restoration sites. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

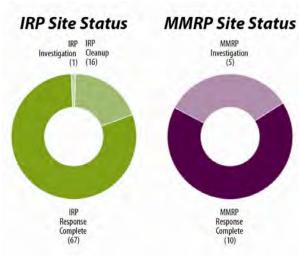
### **FY10 IRP Progress**

Fort Wainwright continued using monitoring and optimization processes to identify opportunities for streamlining cleanup, revise operations and maintenance (O&M) requirements, and evaluate site progress. The installation also began treatability studies at multiple new construction sites that are on or adjacent to known source areas. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed execution of work plans for decommissioning soil vapor extraction and air sparging systems at Operable Units (OUs) 3 and 5 source areas. Administrative issues delayed the start of a proposed plan (PP), ROD, and feasibility study (FS) to evaluate cleanup alternatives for OU 6.

### **FY10 MMRP Progress**

Fort Wainwright prepared the remaining remedial investigation (RI) work plans for Training Area 101. The installation also prepared work plan and completed site investigations for four sites.



### **Plan of Action**

Plan of action items for Fort Wainwright are grouped below according to program category.

### **IRP**

- Execute work plans for decommissioning soil vapor extraction and air sparging systems at OUs 3 and 5 source areas in FY11.
- Begin PP, ROD, and FS for OU 6 in FY11.
- Negotiate future investigations and O&M requirements at multiple new construction sites that are on or adjacent to known source areas from FY11-FY12.
- Complete the treatability study for OU 2 and propose investigation and removal of abandoned pipelines, product, and associated contaminated soils at other Installation Restoration Program (IRP) sites in FY11.
- Complete treatibility studies at multiple sites in FY11-FY12.

### **MMRP**

- · Complete RI report in FY11-FY12.
- Prepare work plan and complete site investigation for the Bombing Range in FY11-FY12.

Fort Wingate
BRAC 1988

**FFID:** NM621382097400

**Location (Size):** Gallup, New Mexico (21,881 acres)

Mission: Stored, shipped, and received ammunition

components and disposed of obsolete or

deteriorated explosives and ammunition

HRS Score: N/A
IAG Status: N/A

**Contaminants:** UXO, PCBs, pesticides, heavy metals, asbestos,

lead-based paint, explosive compounds, VOCs,

SVOCs, propellants

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 52.0 million

Est. CTC (Comp Year): \$ 134.7 million (FY2021)

IRP Sites (Final RIP/RC): 43 (FY2021)

MMRP Sites (Final RIP/RC): 5 (FY2021)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-113

### Introduction

Fort Wingate's former mission was to store, test, and demilitarize munitions. Restoration efforts have focused on land affected by ordnance-related wastes, unexploded ordnance, and other contaminants. The affected areas are the open burning and open detonation (OB/OD) grounds, pistol range soil, pesticide-contaminated soil at Building 5, explosives-contaminated soil at the former bomb washout plant lagoons, polychlorinated biphenyl (PCB) contamination in Buildings 11 and 501, the former explosive washout plant (Building 503), and three solid waste landfills. In 1988, the BRAC Commission recommended closure of Fort Wingate. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at Fort Wingate. In FY95, the BRAC cleanup team revised the BRAC cleanup plan. The installation also formed a Restoration Advisory Board (RAB) in FY94 to discuss the installation's cleanup progress with the community. The RAB adjourned in FY04. In FY06, the installation developed a community relations plan.

To date, the installation has transferred over 5,400 acres. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Fort Wingate completed the ecological risk assessment work plan and groundwater sampling for the base. The installation submitted transfer documents for Parcels 4B, 5B, 8 and 25. Fort Wingate completed investigation work plans for Parcels 4A, 5A, 6 and 23, and investigation fieldwork for Parcels 11, 21 and 22.

Regulatory issues delayed the transfer document submission for Parcels 12 and 14.

### **FY10 MMRP Progress**

Fort Wingate continued to remove munitions and explosives of concern from arroyos.

Technical issues delayed the contract to perform the field investigation at the OB/OD unit and Parcel 3. Administrative issues delayed the start of the hazardous waste management removal and the corrective action management unit construction.

# IRP Site Status IRP IRP IRP Investigation Cleanup (4) IRP Response Complete (26) IRP Response Complete (26)

### **Plan of Action**

Plan of action items for Fort Wingate are grouped below according to program category.

### **IRP**

- Submit transfer documents for Parcels 12 and 14 in FY11.
- Submit transfer documents for Parcel 10A in FY11-FY12.
- Perform investigation field sampling for Parcels 4A, 6, 10B and 23 in FY11-FY12.
- Award contract for investigation work for Parcels 7, 13, and 18, and Phase II work in Parcels 6, 11, 21, 22, and 23 including removal of the eastern landfill in Parcel 18 in FY11-FY12.

### MMRP

- Perform work plan for investigation at Parcel 16 in FY11.
- Continue to remove munitions and explosives of concern from Arroyos in FY11.
- Award a performance based contract and prepare work plan for cleanup at Parcel 3 in FY11-FY12.

FFID: MN517002291400

Location (Size): Fridley, Minnesota (83 acres)

Mission: Design and manufacture advanced weapons

systems

HRS Score: 30.83; placed on NPL in November 1989

IAG Status: FFA signed in March 1991

Introduction

FY09.

due to technical issues.

POLs, VOCs, SVOCs, TCE, metals, cyanide Contaminants:

Fridley Naval Industrial Reserve Ordnance Plant (NIROP) designs and manufactures advanced weapons systems. Site types include waste disposal pits and trenches, source areas

contaminants associated with these site types include

construction debris, and foundry sands. Investigations

petroleum/oil/lubricants (POLs), solvents, plating sludge,

conducted at this government-owned, contractor-operated installation identified trichloroethylene (TCE) in groundwater,

which discharges into the Mississippi River upstream from the

Minneapolis drinking water plant. The potential risk to human

health and the environment was significant enough for EPA to

place the installation on the NPL in November 1989. DoD and

outline how they were going to proceed with cleanup. The

communicating cleanup progress to the community in FY93.

updated it in FY97. The installation also compiled an

EPA signed a federal facility agreement (FFA) in March 1991 to

installation formed a technical review committee responsible for

and converted it to a Restoration Advisory Board in FY95. The

installation prepared the community relations plan in FY91 and

administrative record and established an information repository

in FY95. To ensure continuous monitoring and improvement, Fridley NIROP completed five-year review reports in FY04 and

beneath the main industrial plant, a foundry core butt disposal area, and site-wide groundwater contamination. Wastes and

Media Affected: Groundwater and Soil IRP/MMRP Status Table:

Refer to page E-6-98

\$39.0 million **Funding to Date:** 

Est. CTC (Comp Year): \$ 14.8 million (FY2034)

IRP Sites (Final RIP/RC): 5 (FY2002) MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

### **FY10 MMRP Progress**

Fridley NIROP has identified no MMRP sites.

### Plan of Action

Plan of action items for Fridley Naval Industrial Reserve Ordnance Plant are grouped below according to program category.

### **IRP**

- Continue developing exit strategy in FY11.
- Evaluate and optimize the extraction system in FY11.
- Replace extraction well AT-3A and add an additional extraction well in FY11.
- Continue O&M activities in FY11-FY12.
- · Upgrade equipment in FY11-FY12.
- Replace one additional extraction well in FY11-FY12.

### **MMRP**

Response

There are no MMRP actions scheduled for FY11 or FY12.

### IRP Site Status To date, Fridley NIROP has completed Records of Decision, which selected cleanup actions for Operable Units 1, 2, and 3. In addition, the installation has completed cleanup for Sites 1 Cleanup and 2. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. FY10 IRP Progress Fridley NIROP continued operation and maintenance (O&M) and developing an exit strategy. The installation evaluated the replacement of two extraction wells. The installation also completed the annual monitoring report as required. The cost of completing environmental restoration has changed significantly

F-77 Navy

**FFID**: AK057302865500

Location (Size): Galena, Alaska (162 acres)

**Mission:** Served as an active refueling stop for aircraft

bound for the Soviet Union under the Lend-Lease program in World War II, and later as a forward operating location for the Air Force as part of the

NORAD Mission

HRS Score: N/A
IAG Status: N/A

Contaminants: TCE, POLs, benzene, VOCs, SVOCs, metals

Media Affected: Groundwater and Soil

Funding to Date: \$ 36.4 million

Est. CTC (Comp Year): \$65.6 million (FY2020)

IRP Sites (Final RIP/RC): 27 (FY2013)

MMRP Sites (Final RIP/RC): 1 (FY2011)

Five-Year Review Status: This installation is not required to complete a

five-year review report

**IRP/MMRP Status Table:** Refer to page E-6-5

### Introduction

Galena Forward Operating Location (FOL) formerly served as an active refueling stop for Soviet Union-bound aircraft, and later as part of the North American Aerospace Defense Command mission. The airport was constructed in 1940, and the Air Force has had joint civilian-military use of the airfield since 1951. Military operations have released hazardous chemicals via spills or historical disposal practices. The Air Force reduced the active duty force at the installation in 1993. In 2005, the BRAC Commission recommended closure of Galena FOL. The installation formed a Restoration Advisory Board to discuss the installation's cleanup progress with the community in 2004, but it adjourned due to insufficient interest. Renewed interest by the community led to re initiation of the RAB in FY10. Galena FOL and the Alaska Department of Environmental Conservation coordinate with local stakeholders (including the Louden Tribal Council, City of Galena, and Galena City Schools) through the Galena Technical Project Team to address environmental concerns.

The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

installation adjusted cleanup plans based on data collected in 2009 that showed contamination was more extensive than originally thought; plan of action items are adjusted accordingly.

### **FY10 MMRP Progress**

Galena FOL completed an SI at one site.

### **Plan of Action**

Plan of action items for Galena Forward Operating Location are grouped below according to program category.

### IRP

- Complete investigations at IRP sites in FY11.
- Conduct source removal actions at four sites in FY11
- Construct a cleanup system for contaminated soil in FY11.
- · Optimize current cleanup systems in FY11.

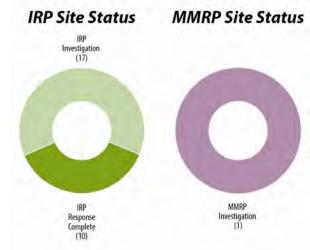
### **MMRP**

 Conduct supplemental investigation to support determination that no further cleanup is necessary at one site in FY11.

### **FY10 IRP Progress**

Galena FOL conducted preliminary assessments of the entire base and continued operations of the current remediation system. The installation conducted investigations at 26 areas of concern and 6 sites, which included determinations that no further cleanup actions were necessary for multiple areas. The installation conducted cleanup at one site and constructed a bioreactor at another site to evaluate the effectiveness of bioremediation for the cleanup of solvent-contaminated groundwater. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory, technical, and administrative issues delayed completion of remedial investigations (RIs) for 16 sites, preliminary assessments and RIs for 60 sites, and site inspection (SI) and RI fieldwork for 20 sites. Regulatory, technical, and administrative issues also delayed documentation that no further cleanup actions are necessary at 25 sites, and the operation of 13 cleanup systems. The



Air Force

## **Gentile Air Force Station Defense Electronics Supply Center, Dayton**

**FFID:** OH597152435700

Location (Size): Kettering, Ohio (164 acres)

**Mission:** Provided logistical support to the military services

by supplying electrical and electronic material

HRS Score: N/A

IAG Status: N/A

**Contaminants:** Solvents, pile runoff (VOCs and SVOCs), metals,

residual POLs

Media Affected: Groundwater and Soil

Funding to Date: \$ 10.9 million

Est. CTC (Comp Year): \$ 1.9 million (FY2028)

IRP Sites (Final RIP/RC): 22 (FY2002)
MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-7-43

### Introduction

Gentile Air Force Station (AFS) formerly provided logistical support to the Military Services by supplying electrical and electronic material. Sites identified at the installation include underground storage tanks; areas of past industrial operations; and landfills containing construction debris, hardfill, waste oil, solvents, asbestos, low-level radioactive waste, and a subsurface material suspected to be paint thinner. Releases from these sites have contaminated soil and groundwater. In July 1993, the BRAC Commission recommended closure of the Defense Electronics Supply Center (Gentile AFS) and relocation of its mission to the Defense Construction Supply Center in Columbus, Ohio. Gentile AFS closed in December 1996. In FY93, the installation's BRAC cleanup team developed a BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board (RAB) in FY94 to discuss the installation's cleanup progress with the community. The RAB formally adjourned in FY05. A memorandum of agreement with the Air Force Real Property Agency terminated DLA's involvement in environmental restoration at the installation at the end of FY98. To ensure continuous monitoring and improvement, Gentile AFS completed a five-year review report in FY04.

Environmental studies have identified 22 sites suspected to contain contamination. Twelve sites were closed between FY97 and FY01 with decision documents (DDs), which determined that no further cleanup actions were necessary. Eighteen sites have conditional DDs, determining no further cleanup is necessary if future access is limited to commercial or industrial use. Ten sites are included in two Installation Restoration Program (IRP) DDs, which determined that institutional controls, which minimize the potential for human exposure, are needed at all ten sites. In FY04, Gentile AFS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified. As of FY05, Gentile AFS has transferred all property.

### **FY10 IRP Progress**

Gentile AFS continued cleanup operations at spill site (SS) 028 and SS 035, and waste pit (WP) 026. The installation also updated the administrative record file and land use control management plan which lays out procedures to manage restricted access to sites.

Technical and administrative issues delayed the completion of the second five-year review report.

The BRAC cleanup team met once to discuss the status of the installation.

### **FY10 MMRP Progress**

Gentile AFS has identified no MMRP sites.

### **Plan of Action**

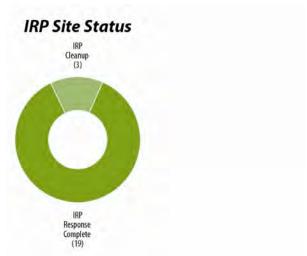
Plan of action items for Gentile Air Force Station are grouped below according to program category.

### **IRP**

- Continue cleanup operations at SS 028 and SS 035, and WP 026 in FY11.
- Complete the second five-year review report in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**George Air Force Base** NPL/BRAC 1988

IRP/MMRP Status Table:

Refer to page E-6-31

FFID: CA957002445300

Location (Size): Victorville, California (5,062 acres)

Mission: Provided tactical fighter operations support

**HRS Score:** 33.62; placed on NPL in February 1990

IAG Status: FFA signed in October 1990 Contaminants:

POLs, VOCs, lead, SVOCs, metals, radioactive

materials, other

Media Affected: Groundwater, Surface Water, Soil

\$ 124.7 million **Funding to Date:** 

Est. CTC (Comp Year): \$ 46.6 million (FY2040)

IRP Sites (Final RIP/RC): 77 (FY2012) MMRP Sites (Final RIP/RC): 8 (FY2012)

Completed and planned Five-Year Review Status:

### Plan of Action

Plan of action items for George Air Force Base are grouped below according to program category.

### **IRP**

- Complete final pesticide corrective action plan and final petroleum corrective action plan in FY11.
- Complete feasibility study (FS), proposed plan (PP) and draft ROD in FY11.
- · Submit five-year review report in FY11.
- · Complete final FS, PP and final ROD Amendment for OU 1 in FY11-FY12.

### **MMRP**

- Conduct low complexity biological assessment in FY11-FY12.
- · Conduct investigation and surface clearance on 77 acres at SR 401; DP 033; and XU 400 in FY11-FY12.
- · Remove and dispose of munitions debris on small arms range in FY12.

### Introduction

George Air Force Base (AFB) formerly provided tactical fighter operations support. Environmental studies conducted at George AFB have identified landfills, petroleum spill sites, underground storage tanks (USTs), waste storage and disposal units, and fire training areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. The 1988 BRAC Commission recommended closure of George AFB and the installation closed in December 1992. In FY92, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at George AFB, and converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY06.

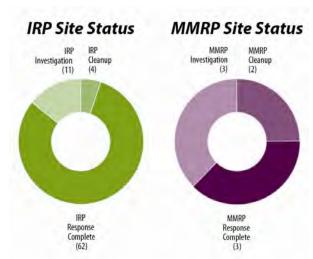
Sites have been grouped into five operable units (OUs). George AFB has completed two Records of Decisions (RODs) for OUs 1 and 3, selecting cleanup actions at these sites. In FY04, George AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); eight MMRP sites were identified.

### FY10 IRP Progress

George AFB competed the draft petroleum corrective action plan. The installation also completed the draft feasibility study (FS) to evaluate cleanup alternatives at OU 1. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

### FY10 MMRP Progress

George AFB wrote and awarded the contract to prepare a work plan for conducting the MMRP investigation, conducting and preparing detailed risk minimization procedures, and a low complexity biological assessment.



F-80 Air Force

**FFID:** NY257002445100

**Location (Size):** Rome, New York (3,638 acres)

Mission: Supported bomber and tanker operations

**HRS Score:** 34.20; placed on NPL in July 1987

IAG Status: FFA signed in June 1990

**Contaminants:** Heavy metals, PCBs, grease, degreasers,

caustic cleaners, dyes, penetrants, VOCs, TCE,

UXO, SVOCs, radioactive materials, explosives,

propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 152.6 million

Est. CTC (Comp Year): \$ 20.3 million (FY2999)

IRP Sites (Final RIP/RC): 70 (FY2012)
MMRP Sites (Final RIP/RC): 12 (FY2004)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-119

### Introduction

The mission of Griffiss Air Force Base (AFB) was to support bomber and tanker aircraft operations. Sites identified at the installation include landfills (LFs), underground storage tanks (USTs), fire training areas, disposal pits, spill areas, and identified possible off-site groundwater contamination. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in June 1990 to outline how they were going to proceed with cleanup. The 1993 BRAC Commission recommended realignment of Griffiss AFB and the 1995 BRAC Commission recommended further realignment. Following the realignment actions, Griffiss AFB retained 136 acres for Rome Laboratory and Air National Guard Northeast Air Defense Sector facilities. In FY95, Griffiss AFB formed a BRAC cleanup team to develop a process for cleanup of sites at the installation and, with community input, completed the BRAC cleanup plan to prioritize sites requiring environmental restoration. Also in FY95, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. The installation received funding for technical assistance for public participation in FY99. To ensure continuous monitoring and improvement, Griffiss AFB completed a five-year review report in FY05 and FY10.

To date, the installation has signed 35 Records of Decision (RODs) which selected cleanup actions at environmental restoration sites. Griffiss AFB has completed eight RODs documenting no further cleanup action is necessary. Interim cleanup conducted at the facility between FY86 and FY91 included modification of an LF cap; and the removal of contaminated soil and USTs from a tank farm, various disposal pits, and the area adjacent to an aircraft nosedock. In FY04, Griffiss AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

### **FY10 IRP Progress**

Griffiss AFB completed and decommissioned the landfarming operations, which treated 150,000 cubic yards of petroleum-contaminated soil that was reused throughout the base. In addition, the installation completed three RODs, two proposed plans (PP), and the second five-year review report. The installation also installed the cleanup system at the fourth and final chlorinated contamination site. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

### **FY10 MMRP Progress**

The installation conducted no MMRP actions.

### **Plan of Action**

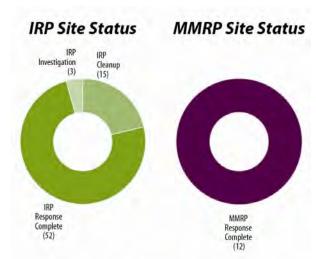
Plan of action items for Griffiss Air Force Base are grouped below according to program category.

### **IRP**

- · Complete three PPs and four RODs in FY11.
- Award a performance-based contract for cleanup at 43 sites in FY11.
- · Complete two PPs and two RODs in FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



## **Grissom Air Force Base** Grissom Air Reserve Base

**FFID**: IN557212447200

**Location (Size):** Peru, Indiana (2,722 acres)

**Mission:** Supports tanker aircraft operations of the 434th

Air Refueling Wing; formerly supported bomber

aircraft operations

HRS Score: N/A
IAG Status: N/A

Contaminants: Household and industrial waste, radioactive

contamination, spent solvents, metals, fuels,

SVOCs, lead, waste oils, asbestos, VOCs, explosives, propellants

Groundwater, Sediment, Soil

Funding to Date: \$ 29.0 million

Est. CTC (Comp Year): \$ 12.0 million (FY2999)

IRP Sites (Final RIP/RC): 40 (FY2012)
MMRP Sites (Final RIP/RC): 5 (FY2002)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-79

### Introduction

Grissom Air Force Base (AFB), now divided into the former Grissom AFB and the Grissom Air Reserve Base (ARB), was established as Bunker Hill Naval Air Station in 1942 and became an Air Force installation in 1954 that supported bomber aircraft operations. Grissom AFB has most recently supported tanker aircraft operations of the 434th Air Refueling Wing. Contaminated sites include outdoor and indoor small arms firing ranges, a munitions burn/burial area, a grenade training range, a firing-in butt site, oil-water separator sites, underground storage tank sites, aboveground storage tank sites, a central heat plant site, fire training areas, landfills, and various maintenance shops and spill sites. In July 1991, the BRAC Commission recommended realignment of the installation. Following realignment in September 1994, the Air Force retained 1,400 acres as Grissom Air Reserve Base (ARB). In FY07, the Air Force Real Property Agency used BRAC funding to complete cleanup and transfer the other 1,322 acres to the Miami County Economic Development Authority, the State of Indiana, and several private entities. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. The BRAC cleanup team developed a BRAC cleanup plan with community input in FY94 to prioritize sites requiring environmental restoration. In FY95, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Grissom AFB and Grissom ARB both completed five-year review reports in FY06.

Records of Decision (RODs) or decision documents (DDs) have been signed for 12 sites at Grissom AFB and 27 sites at Grissom ARB, selecting cleanup actions or determining that no further cleanup action is necessary. In FY04, Grissom AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

### **FY10 IRP Progress**

Media Affected:

Grissom ARB modified three RODs to remove groundwater restrictions at three sites and removed two sites from future five-year reviews. The installation conducted Interim cleanup actions at two sites and began a five-year review report. Grissom ARB conducted groundwater monitoring at six sites. Grissom AFB continued cleanup using natural processes at five sites. Grissom AFB managed land use controls (LUCs), which restrict the use of or access to 14 sites and institutional controls (ICs), which are tools that minimize the potential for human exposure for the same 14 sites. The cost of completing environmental restoration has changed significantly due to regulatory issues and changes in estimating criteria.

### **FY10 MMRP Progress**

Grissom AFB prepared closure documentation for four MMRP sites.

### Plan of Action

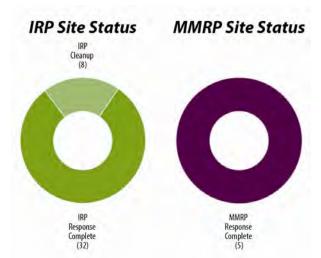
Plan of action items for Grissom Air Force Base are grouped below according to program category.

### IRP

- Complete five-year review reports for Grissom AFB and Grissom ARB in FY11.
- Award a nine-year, multi-base performance based contract for Grissom AFB in FY11.
- Perform LUC/IC inspections at 14 sites at Grissom AFB in FY11-FY12.
- Monitor groundwater at six sites at Grissom AFB and four sites at Grissom ARB in FY11-FY12.
- Close three sites at Grissom ARB in FY11-FY12.

### **MMRP**

 There are no MMRP actions scheduled at Grissom AFB or Grissom ARB for FY11 or FY12.



**FFID:** GU917002753200, GU917002758300,

GU917002758500, and GU917002757600

Location (Size): Apra Harbor, Guam (15,306 acres)

Mission: Operated facilities; provided services and materials; issued weapons and ordnance in

support of operating forces of the Navy; provided

services for Guam Naval Activities

HRS Score: N/A

IAG Status: IAG signed in FY93

**Contaminants:** PCBs, POLs, pesticides, heavy metals, VOCs,

SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 164.7 million

Est. CTC (Comp Year): \$ 57.6 million (FY2028)

IRP Sites (Final RIP/RC): 63 (FY2017)
MMRP Sites (Final RIP/RC): 4 (FY2019)

Five-Year Review Status: Completed, underway and planned

**IRP/MMRP Status Table:** Refer to page E-6-63 and E-7-20

#### Introduction

Guam Apra Harbor Complex consists of Navy commands in the Apra Harbor area and the former Naval Magazine area southeast of the harbor. The BRAC Commission recommended four of the commands (Guam Naval Activities, Naval Fleet and Industrial Supply Center, Naval Ship Repair Facility [NSRF], and Public Works Center) for realignment or closure in 1995. NSRF ceased operations in September 1997. Operations that contributed to contamination included support of naval operating forces and shore activities, photographic and printing shops, a dry cleaning plant, power plants and boilers, pest control operations, and chemical and medical laboratories. Wastes were stored and disposed of in landfills and wastewater treatment plants. DoD and EPA signed an interagency agreement (IAG) in FY93 to outline how they were going to proceed with cleanup. The installation formed a BRAC cleanup team to develop a process for cleanup of sites. Guam Apra Harbor Complex completed a joint community relations plan in FY92 to prioritize sites requiring environmental restoration. In FY94, Guam Apra Harbor Complex established an information repository. Formed in FY94, the complex converted its technical review committee responsible for communicating cleanup progress with the community, into a Restoration Advisory Board in FY95.

To date, the installation has completed cleanup at 44 sites. The installation also transferred 2,725 acres to the Government of Guam and decided to retain NSRF. In FY03, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. To date, the installation has signed Decision Documents determining no further cleanup activities were necessary for five sites.

# **FY10 IRP Progress**

Guam Apra Harbor Complex continued cleanup actions at 22 Installation Restoration Program (IRP) sites.

# **FY10 MMRP Progress**

Guam Apra Harbor Complex continued cleanup actions at three MMRP sites.

#### **Plan of Action**

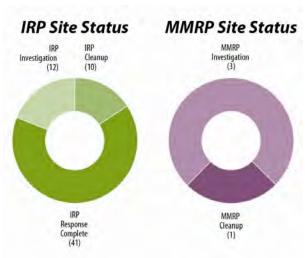
Plan of action items for Guam Apra Harbor Complex are grouped below according to program category.

#### **IRP**

There are no IRP actions scheduled for FY11 or FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** MA157172442400

**Location (Size):** Bedford, Massachusetts (826 acres)

Mission: Support Headuarters Electronic Systems Center

HRS Score: 50.00; placed on NPL in May 1994
IAG Status: FFA signed in September 2009

Contaminants: VOCs, SVOCs, gasoline, jet fuel, metals,

phenols, PCBs, chlorinated solvents

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 39.8 million

Est. CTC (Comp Year): \$ 8.7 million (FY2020)

IRP Sites (Final RIP/RC): 23 (FY2003)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-7-29

#### Introduction

Hanscom Air Force Base (AFB) supports the Air Force Electronic Systems Center. Operations at Hanscom AFB have involved generation, use, and disposal of numerous hazardous substances. Possible sources of contamination include a former industrial wastewater treatment system, a former filter bed and landfill (LF) area, a jet fuel residue and tank sludge area, two LFs, three former fire training areas, a paint waste disposal area, a mercury spill area, former aviation fuel handling and storage facilities, underground storage tanks, and fuel spill areas. The potential risk to human health and the environment was significant enough for EPA to place Hanscom Field/Hanscom AFB on the NPL in May 1994. The NPL site designation includes Hanscom AFB and former portions of the installation leased from the Commonwealth of Massachusetts between 1942 and 1974. The leased property included the flightline and airfield areas of the installation that are now L.G. Hanscom Field, a civilian airport. In September 2009, DoD and EPA signed a federal facility agreement (FFA) to outline how they are going to proceed with cleanup. The 2005 BRAC Commission recommended Hanscom AFB for realignment. In FY95, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB). To ensure continuous monitoring and improvement, the installation completed three five-year review reports in FY97, FY02, and FY07.

To date, the installation has closed 14 sites; no further construction of cleanup systems is required at the remaining 8 sites. The installation has signed Records of Decisions for operable units (OUs) 1 and 3 (Installation Restoration Program [IRP] Sites 6 and 21), which selected cleanup actions at these sites. Hanscom AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): no MMRP sites were identified.

# **FY10 IRP Progress**

Hanscom AFB continued to operate, maintain, and monitor the long-term remedies in place at OUs 1, 2, and 3 (IRP Sites 6 and 21); Army and Air Force Exchange Services service station; and base motor pool sites. The installation continued to monitor and enforce land use controls (LUCs), which restrict activities at all sites.

The RAB held one meeting to discuss the status of the installation.

# **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

#### Plan of Action

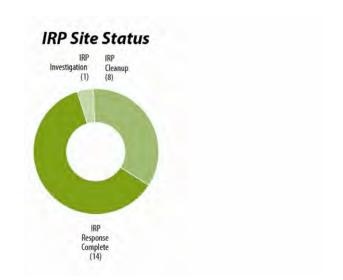
Plan of action items for Hanscom Air Force Base are grouped below according to program category.

#### **IRP**

- Continue to operate, maintain, and monitor the long-term remedies in place at OUs 1, 2, and 3 (IRP Sites 6 and 21); Army and Air Force Exchange Services service station; and base motor pool sites in FY11-FY12.
- Continue to monitor and enforce LUCs at all sites in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID**: NE79799F041100

Location (Size):Hastings, Nebraska (48,753 acres)Mission:Produce, load, and store ammunitionHRS Score:42.24; placed on NPL in June 1986

IAG Status: IAG signed in 1998

Contaminants: UXO, VOCs, PAHs, heavy metals, SVOCs,

explosives, propellants

Media Affected: Groundwater and Soil

IRP/MMRP Status Table:

Refer to page E-6-106

Funding to Date: \$ 101.9 million

Est. CTC (Comp Year): \$ 50.1 million (FY2014)

IRP Sites (Final RIP/RC): 7 (FY2014)
MMRP Sites (Final RIP/RC): 1 (FY2002)

Five-Year Review Status: Completed and planned

# **FY10 MMRP Progress**

USACE conducted no MMRP actions

#### **Plan of Action**

Plan of action items for Hastings Groundwater Contamination Site are grouped below according to program category.

#### **IRP**

- Complete the design for and begin construction of the cleanup system for OU 14 groundwater FY11.
- Prepare the PP, ROD, and focused FS addendum for OU 16 in FY11
- Begin five-year review report for the installation in FY11.

#### **MMRP**

 Begin five-year review report for the munitions response site in FY11.

#### Introduction

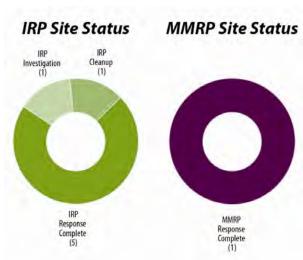
Operations at the Blaine Naval Ammunition Depot contributed to groundwater and soil contamination at the Hastings Groundwater Contamination Site. The U.S. Army Corps of Engineers (USACE) designated five operable units (OUs) at the property: three OUs for the 2,900-acre Hastings East Industrial Park and two others. The three OUs at the industrial park are divided into: soil (OU 4); the vadose zone (OU 8), which is directly beneath the surface; and groundwater (OU 14). OU 16 includes the explosives disposal area and the bomb and mine complex at the naval yard dump, and OU 15 contains a 44,500-acre area of the former Blaine Naval Ammunition Depot not included in the other OUs. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in June 1986. DoD and EPA signed an interagency agreement (IAG) in FY98 to outline how they were going to proceed with cleanup. In FY99, USACE formed a Restoration Advisory Board to discuss the installations cleanup progress with the community. To ensure continuous monitoring and improvement, USACE completed five-year review reports in FY02 and FY09.

To date, the Army has signed Records of Decision (RODs), which selected cleanup actions for two soil contaminants and OU 14 and 15 groundwater. In FY96, the Army conducted an inventory for one site suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one site was identified. The Army approved a cleanup project for the site in FY96 and cleanup is complete.

# **FY10 IRP Progress**

USACE completed the ROD for Site-wide Groundwater (OU 8 and OU 14) and the proposed plan (PP) and ROD for OU 15. In addition, USACE obtained the final Department of Justice settlement payment from the potentially responsible parties.

Administrative issues delayed revision of the focused feasibility study (FS) addendum to evaluate cleanup alternatives at OU 16.



FUDS F-85

**FFID:** UT857172435000

**Location (Size):** Ogden, Utah (6,698 acres)

Mission: Provide logistics support for weapons systems

**HRS Score:** 49.94; placed on NPL in July 1987

September 2006

FFA signed in April 1991; IAG signed in

Contaminants: Solvents (TCE, PCE, TCA, 1,2 DCA, DCE),

metals, petroleum products, PCBs, VOCs,

**SVOCs** 

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 350.8 million

Est. CTC (Comp Year): \$403.3 million (FY2041)

IRP Sites (Final RIP/RC): 225 (FY2014)

MMRP Sites (Final RIP/RC): 22 (FY2016)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-165

#### Introduction

IAG Status:

The mission of Hill Air Force Base (AFB) is to provide logistics support for weapons systems, host two fighter wings, and operate the Utah Test and Training Range. Site types at Hill AFB include disposal pits, landfills, surface impoundments, underground storage tanks, fire training areas, firing ranges, discharge and wastewater ponds, a contaminated building, a munitions dump, and spill sites. Contaminants include solvents (primarily trichloroethylene [TCE]), fuels, acids, bases, and plating solutions. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in April 1991 to outline how they were going to proceed with cleanup at Hill AFB. The Air Force also signed an interagency agreement (IAG) in September 2006 that outlined cleanup procedures for covering the Utah Test and Training Range and the Little Mountain Test Annex. The 2005 BRAC Commission recommended Hill AFB for realignment. In FY95, the installation formed a Restoration Advisory Board to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY98, FY03, and FY08.

To date, the installation has signed Records of Decision (RODs) which selected cleanup actions for nine operable units (OUs). In FY07, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); eight sites were added to the inventory.

# **FY10 IRP Progress**

Hill AFB submitted a decision document for OU NR 1, proposed plans for OUs 13 and A, a feasibility study (FS) to evaluate cleanup alternatives for OU 9, and a Removal Action Report for OU SR 2 for regulatory review. The installation installed and operated the cleanup system for OU 2, and completed the construction completion report. Hill AFB also investigated vapor intrusion in residences with portable gas chromatography instruments, resulting in the reduced need for cleanup systems. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues, and changes in estimating criteria.

Technical, regulatory, and administrative issues delayed the RODs for OUs NR1, 11, 13, and A.

The RAB held quarterly meetings, provided technical training, and conducted OU and treatability study tours.

# **FY10 MMRP Progress**

Hill AFB completed a preliminary assessment of potential environmental hazards at sites on Bureau of Land Management property.

Administrative issues delayed site inspection (SI) fieldwork, surface clearances, and remedial investigation (RI) fieldwork.

#### **Plan of Action**

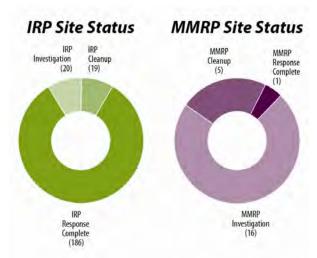
Plan of action items for Hill Air Force Base are grouped below according to program category.

#### **IRP**

- · Submit RODs for OUs A and 13 in FY11.
- Complete FS at OUs 11, NR 2, SR 1, and SR 2 in FY11.
- Complete source area removal action at OU 12 in FY11.
- · Submit a ROD for OU 9 in FY12.

#### **MMRP**

- Complete RI/FS at on-base sites in FY11.
- Perform Surface Clearance Phase III evaluation at Site AL501 in FY11.
- Complete SI at remaining sites on non-DoD property in FY11.



# NPL/BRAC 1993/BRAC 2005 Realignment

**FFID**: FL457212403700

**Location (Size):** Homestead, Florida (2,938 acres)

**Mission:** Houses the 482rd Reserve Fighter Wing and is

host to several other government agencies

**HRS Score:** 42.24; placed on NPL in August 1990

IAG Status: FFA signed in February 1991

**Contaminants:** Pesticides, solvents, VOCs, PCBs, heavy metals,

jet fuel, PAHs, cyanide, SVOCs

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 34.4 million

Est. CTC (Comp Year): \$45.2 million (FY2999)

IRP Sites (Final RIP/RC): 42 (FY2006)
MMRP Sites (Final RIP/RC): 2 (FY2016)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-55

#### Introduction

Homestead Air Force Base (AFB) was established as an Army airfield in 1942 and became an Air Force installation in 1955 to house the Strategic Air Command. Sites identified at the installation include the JP-4 jet fuel leak area, a landfill, fire pit training areas, various spill sites, underground storage tanks (USTs), aboveground storage tanks, and oil-water separators. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in February 1991 to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended realignment of the installation. Following realignment in March 1994, the Air Force retained 852 acres and the Army retained 10 acres. In 2003, the Air Force acquired an additional 1,091 acres that included the airfields; the combined 1,943 acres became known as Homestead Air Reserve Base (ARB). Homestead ARB's environmental restoration program is managed by the Air Force Reserve Command (AFRC). To date, 976 acres of the former Homestead AFB have been transferred, primarily to the local redevelopment authority and other federal agencies; the Air Force Real Property Agency (AFRPA) manages restoration on this 976-acre BRAC property. In 1994, AFRC and AFRPA formed a BRAC cleanup team to develop a process for the cleanup of sites. AFRC and AFRPA formed a Restoration Advisory Board in FY94 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, AFRC completed a five-year review report for sites on Homestead ARB and sites on the BRAC property in FY05.

Interim cleanup has included the removal of USTs and contaminated soil, groundwater extraction and treatment, and the removal of oil-water separators. By FY95, the installation closed 400 restoration sites after determining that no further cleanup actions were required; the installation consolidated the remaining sites into 5 major fuel areas and 30 operable units (OUs). The installation signed Records of Decision selecting cleanup actions for OUs 1 through 7, 11, 12, 15, 18, 20, 21, and 25 through 31. In FY04, AFRC conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified.

# **FY10 IRP Progress**

Homestead AFB continued cleanup operations and long-term management (LTM). The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the ARB and BRAC property five-year review reports.

# **FY10 MMRP Progress**

Homestead AFB continued with environmental investigations through site closure at two MMRP sites.

# Plan of Action

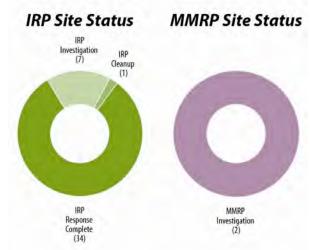
Plan of action items for Homestead Air Force Base are grouped below according to program category.

#### **IRP**

- Complete the ARB and BRAC property five-year review reports in FY11.
- · Complete draft work plans in FY11.
- Continue cleanup operations and LTM in FY11-FY12.

#### **MMRP**

 Complete follow-up environmental investigations through site closure at two MMRP sites in FY11-FY12.



Air Force

**FFID:** CA917002278400

Location (Size): San Francisco, California (934 acres)

Mission: Repaired and maintained ships

HRS Score: 48.77; placed on NPL in November 1989

IAG Status: FFA signed in September 1990 and revised in

January 1992

**Contaminants:** Heavy metals, PCBs, petroleum hydrocarbons,

VOCs, SVOCs, explosives and propellants

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 677.5 million

Est. CTC (Comp Year): \$ 450.6 million (FY2021)

IRP Sites (Final RIP/RC): 70 (FY2021)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

IRP/MMRP Status Table: Refer to E-6-30

#### Introduction

The mission at Hunter's Point Annex-Treasure Island Naval Station (NS) was to repair and maintain ships. Military activities have resulted in environmental contamination. Site types include landfills and land disposal areas, containing primarily heavy metals, volatile organic compounds (VOCs), and radioactive materials. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) with the Navy in September 1990, which was revised in January 1992, to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of Hunter's Point Annex-Treasure Island NS. The station ceased operations in April 1994, and is now under the responsibility of Naval Facilities Engineering Command, Southwest. Parts of the installation have been leased to private parties. The installation formed a BRAC cleanup team in FY94 to prioritize sites requiring environmental restoration. The installation also converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board in FY94. The installation revised its community relations plan in FY97 and in FY04. The BRAC cleanup team updates the site management plan every quarter.

The installation completed XX Records of Decision (ROD), which determined that no further cleanup activities were necessary at Parcel As and D. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

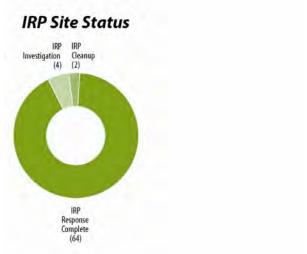
# **FY10 IRP Progress**

Hunter's Point Annex-Treasure Island NS completed a groundwater treatability study for Parcel E; finalized the feasibility study to evaluate cleanup alternatives and associated radiological addendum for Parcels E2 and F; and completed the design for cleanup at Parcel B (Sites 7 and 18). The installation also completed a ROD, which determined that no further cleanup activities were necessary at Parcel D, and completed a radiological data gaps investigation at Parcel F. Hunter's Point Annex-Treasure Island NS also drafted the ROD for Parcel C and continued removal actions at Utility Corridors 1 and 2.

Regulatory issues delayed the completion of the radiological removal actions and design for cleanup at Parcels B and G.

# **FY10 MMRP Progress**

Hunter's Point Annex-Treasure Island NS has identified no MMRP sites.



#### **Plan of Action**

Plan of action items for Hunter's Point Annex-Treasure Island Naval Station are grouped below according to program category.

#### **IRP**

 Complete the radiological removal actions and cleanup at Parcels B and G in FY11.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** MD317002410900

**Location (Size):** Indian Head, Maryland (3,423 acres)

Mission: Provide services in energetics through engineering, operational support, manufacturing

technology; conduct research, development, and

testing of energetic and ordnance device

**HRS Score**: 50.00; placed on NPL in February 1995

**IAG Status:** FFA signed in December 2000.

**Contaminants:** Propellants, explosives, acids, paints, solvents,

heavy metals, radioactive material, TCE, wastewater, VOCs, SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 57.6 million

Est. CTC (Comp Year): \$ 164.0 million (FY2021)

IRP Sites (Final RIP/RC): 70 (FY2017)
MMRP Sites (Final RIP/RC): 32 (FY2020)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-91

#### Introduction

Naval Support Facility, Indian Head (Indian Head) provides services in energetics for all warfare centers, including engineering, fleet and operational support, manufacturing technology, limited production, and industrial base support. The installation produces and handles complex chemicals to accomplish this mission including lead, silver, and mercury. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1995. DoD and EPA signed a federal facility agreement (FFA) in FY01 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Indian Head for realignment. The technical review committee responsible for communicating cleanup progress with the community was formed in FY93, and was converted to a Restoration Advisory Board in FY95. The installation prepared a community relations plan and established an information repository. In FY98, the administrative record became available in an electronic format, which is updated periodically. To ensure continuous monitoring and improvement, Indian Head completed five-year review reports for Sites 12 and 42 in FY07.

To date, Indian Head has signed Records of Decision (RODs), which selected cleanup actions for 10 sites and No Further Action RODs, or equivalent decision documents, which determined no further cleanup activities were necessary at 28 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Indian Head completed the feasibility study (FS) to evaluate cleanup alternatives at the Lab Area, and the engineering evaluation and cost analysis for Sites 19 and 27. Indian Head also completed RODs for Sites 6 and 17, and completed the proposed plans for Sites 21, 36, and the Lab Area. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed cleanup actions at Sites 21 and 57. Technical issues delayed cleanup at Sites 11 and 17.

# **FY10 MMRP Progress**

Indian Head completed site inspections at 8 sites and 4 water ranges at the main installation and at 16 sites at Stump Neck Annex. The installation also completed removal actions at Unexploded Ordnance (UXO) 32.

#### **Plan of Action**

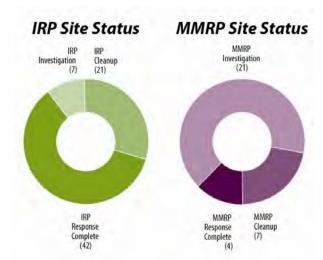
Plan of action items for Indian Head Naval Surface Warfare Center are grouped below according to program category.

#### **IRP**

- Complete FS for Site 38 in FY11.
- Complete cleanup actions at Sites 11, 17, 21, 47, and 57 in FY11-FY12.
- Complete removal actions at Sites 01, 19, and 27 in FY11-FY12.
- Complete RODs for the Lab Area and Sites 21, 28, and 36 in FY11-FY12.

#### **MMRP**

- Complete cleanup actions at UXO 32 in FY11-FY12.
- Complete removal action at UXO 19 in FY11-FY12.



**FFID:** IA721382044500

Location (Size):Middletown, lowa (19,011 acres)Mission:Load, assemble, and pack munitionsHRS Score:29.73; placed on NPL in August 1990IAG Status:IAG signed in September 1990

**Contaminants:** Explosives, low-level radioactive materials, heavy

metals, VOCs, SVOCs, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 103.7 million

Est. CTC (Comp Year): \$ 24.9 million (FY2047)

IRP Sites (Final RIP/RC): 56 (FY2013)
MMRP Sites (Final RIP/RC): 8 (FY2013)

Five-Year Review Status: Completed and underway

**IRP/MMRP Status Table:** Refer to page E-6-80

#### Introduction

In 1941, the Army constructed the Iowa Army Ammunition Plant (AAP) to load, assemble, and pack various conventional ammunition and fuzing systems. The installation has three Operable Units (OUs): soil (OU 1), groundwater (OU 3), and overall (OU 4). During operations, industrial process wastewater and by-products were disposed at the installation. Site types include surface impoundments, production areas, landfills, and a fire-training pit. Soil and groundwater contamination resulted primarily from the disposal of explosives and heavy metal-containing wastes directly onto the soil. The installation also identified small amounts of contamination by volatile organic compounds (VOCs). The potential risk to human health and the environment was significant enough for EPA to place Iowa AAP on the NPL in August 1990. DoD and EPA signed an interagency agreement (IAG) in December 1990 to outline how they were going to proceed with cleanup. Restoration activities through FY00 included closing one cell in the inert landfill, removing aboveground treatment tanks, removing lead-contaminated soil from a production line, and cleaning up an abandoned coal storage yard. The installation formed a Restoration Advisory Board (RAB) in FY97 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, the installation has completed two interim Records of Decision (RODs) and one final ROD, which selected cleanup actions for sites with soil contamination. In FY02, Congress designated the installation for inclusion into the Formerly Utilized Sites Remedial Action Program to address impacts from former Atomic Energy Commission industrial activities. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

lowa AAP completed soil treatment at OU 1 and OU 4, and restructured the OUs to better facilitate project management at the plant. The installation began closure of the inert disposal area, a feasibility study (FS) to evaluate cleanup alternatives for OU 6, and a five-year review report for the Plant. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

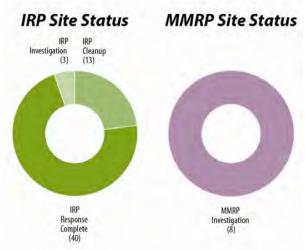
Technical issues delayed closure of the inert disposal area. Regulatory issues delayed completion of the FS and ROD for OU 3, and the Remedial investigation (RI) and FS for OU 4.

lowa AAP conducted a tour of the facility for new RAB members.

# **FY10 MMRP Progress**

The installation submitted the remedial investigation (RI) report.

Regulatory issues delayed completion of the RI report.



#### **Plan of Action**

Plan of action items for lowa Army Ammunition Plant are grouped below according to program category.

#### **IRP**

- Complete closure of the inert disposal area in FY11.
- Complete an FS and ROD for OU 3 in FY11.
- Complete an RI/FS for OU 4 in FY11.
- Complete soil treatments at OU 1 and OU 4 in FY11.
- Complete a proposed plan, FS, and ROD for OU6 and OU 7 in FY11-FY12.

#### **MMRP**

Complete the RI report in FY11.

**FFID**: FL417002441200

Location (Size): Jacksonville, Florida (3,820 acres)

Mission: Maintain and operate facilities; provide services

and materials to support aviation activities and

aircraft overhaul operations

HRS Score: 31.02; placed on NPL in November 1989

IAG Status: FFA signed in October 1990

**Contaminants:** Waste solvents, caustics, cyanide, heavy metals,

POLs, low-level radioactive wastes, oils, paints,

PCBs, pesticides, phenols, radioisotopes, VOCs, SVOCs, explosives, propellants

Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 99.1 million

Est. CTC (Comp Year): \$ 15.1 million (FY2041)

IRP Sites (Final RIP/RC): 80 (FY2014)
MMRP Sites (Final RIP/RC): 1 (FY2017)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-53

#### Introduction

Jacksonville Naval Air Station (NAS) maintains and operates facilities and provides services and materials to support aviation activities and aircraft overhaul operations. The installation includes the following site types: fire fighting training areas, waste storage and disposal areas, transformer storage areas, radioactive-waste disposal areas, and other miscellaneous support and maintenance areas. Typical operations have generated solvents, sludge (from on-site treatment plants), and low-level radioactive waste, which have migrated into nearby soil and local groundwater supplies. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Jacksonville NAS for realignment. In FY88, the installation formed technical review committee responsible for communicating cleanup progress with the community, and converted it to a Restoration Advisory Board in FY95. In FY91, the installation completed its community relations plan and established an administrative record and information repository. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY05.

To date, the installation has completed Records of Decision (RODs), which selected cleanup actions for Operable Units (OUs) 2 and 3, and Point Sources of Contamination (PSCs) 11, 16, 21, 46, 47, 51, and 52. The installation also concluded that no further cleanup action was necessary for Underground Storage Tanks 13 and 17. In FY02, Jacksonville NAS conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Jacksonville NAS continued monitoring cleanup using natural processes and long-term management (LTM) at OU 3. The installation also completed draft five-year review reports and the federal facilities site management plan. The cost of completing environmental restoration has changed significantly due to technical issues.

# **FY10 MMRP Progress**

Jacksonville NAS completed site inspections at Unexploded Ordnance (UXO) 1, and PSCs 22 and 23.

#### **Plan of Action**

Plan of action items for Jacksonville Naval Air Station are grouped below according to program category.

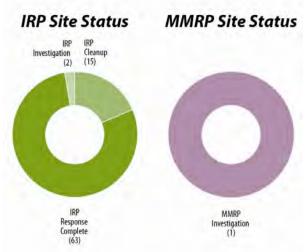
#### **IRP**

Media Affected:

- Complete five-year review reports at several sites in FY11.
- Continue monitoring cleanup using natural processes and LTM at OU 3 in FY11.
- Implement explosive safety submission for OU 7 in FY11-FY12.

#### **MMRP**

 Divide UXO 1 into 6 sites and complete remedial investigations in FY11-FY12.



**FFID:** IN521382045400

**Location (Size):** Madison, Indiana (55,270 acres)

**Mission:** Performed production acceptance testing of

ammunition, weapons, and their components

HRS Score: N/A

IAG Status: N/A

**Contaminants:** Solvents, petroleum products, VOCs, PCBs,

heavy metals, depleted uranium, UXO

Media Affected: Groundwater and Soil

Funding to Date: \$ 29.3 million

Est. CTC (Comp Year): \$ 1.3 million (FY2034)

IRP Sites (Final RIP/RC): 82 (FY2005)
MMRP Sites (Final RIP/RC): 15 (FY2003)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-24

#### Introduction

Jefferson Proving Ground was built to perform production acceptance testing of ammunition, weapons, and their components. The sites south of the firing line, identified during environmental studies, included landfill and disposal areas, hazardous waste storage areas, fire training areas, underground storage tanks (USTs), and buildings with asbestos-containing materials. Contaminants at Jefferson Proving Ground include depleted uranium, heavy metals, unexploded ordnance (UXO), solvents, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), and petroleum hydrocarbons. Interim cleanup actions have included a landfill cap, removal of USTs, and excavation of contaminated soil. In December 1988, the BRAC Commission recommended closure of Jefferson Proving Ground and relocation of its mission to Yuma Proving Ground in Arizona. The installation closed on September 30, 1995. The 50,774 acres north of the firing line, included in the 1995 BRAC program, are contaminated with UXO. The installation plans to retain the site indefinitely for use as a wildlife sanctuary and for other government uses. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. In FY96, the installation issued an updated community relations plan. In FY99, the installation received technical assistance for public participation funding to support the RAB.

To date, Jefferson Proving Ground has transferred approximately 1,200 acres, including: the Defense Reutilization and Marketing Office Parcel area, the Airfield Parcel, the Western Wooded Parcel, the Northeast Parcel, and the central cantonment area. The installation has signed one Record of Decision, which selected cleanup actions for areas south of the firing range. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Jefferson Proving Ground continued 5-year depleted uranium area site characterization and continued the monitored cleanup using natural processes at the groundwater solvent pits.

# **FY10 MMRP Progress**

Jefferson Proving Ground conducted no MMRP actions.

#### **Plan of Action**

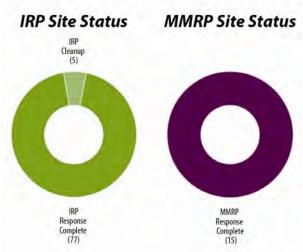
Plan of action items for Jefferson Proving Ground are grouped below according to program category.

#### **IRP**

- Complete 5-year depleted uranium area site characterization report in FY11-FY12.
- Continue monitored cleanup using natural processes at the groundwater solvent pits in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID**: NJ257182401800

**Location (Size):** Burlington County, New Jersey (3,500 acres)

**Mission:** Provide quick-response airlift capabilities for

placing military forces into combat situations

47.20, 37.40, and 50.53; placed on NPL in July

1987 and October 1999

IAG Status: FFA signed in October 1989, July 1991, and

September 2009

Contaminants: VOCs, SVOCs, PAHs, radioactive materials,

pesticides, metals, PCBs, TCE

Media Affected: Groundwater and Soil

Funding to Date: \$ 162.7 million

Est. CTC (Comp Year): \$ 138.5 million (FY2049)

IRP Sites (Final RIP/RC): 162 (FY2014)
MMRP Sites (Final RIP/RC): 13 (FY2018)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-111

#### Introduction

HRS Score:

In October 2009, McGuire Air Force Base (AFB) became part of Joint Base McGuire-Dix-Lakehurst (JB MDL), when the Air Force assumed property and environmental restoration responsibilities for Fort Dix and Lakehurst Naval Air Engineering Station (NAES) from the Army and the Navy, respectively. JB MDL provides guick-response airlift capabilities for placing military forces into combat situations. The three cleanup programs are managed by JB MDL, and are referred to as the McGuire Program, the Dix Program, and the Lakehurst Program. Cleanup sites include landfills (LFs), waste piles, fire training areas, hazardous waste storage areas, and spill sites. motor pools, abandoned underground storage tanks (USTs), lagoons, and impact areas. The potential risk to human health and the environment was significant enough for EPA to place the Sanitary LF at Fort Dix on the NPL in 1987, Lakehurst NAES on the NPL in 1987, and McGuire AFB on the NPL in 1999. DoD and EPA signed federal facility agreements (FFAs) to outline how they were going to proceed with cleanup at Lakehurst NAES, Fort Dix, and McGuire AFB in FY90, FY91, and FY09 respectively. To discuss cleanup progress with the community, Lakehurst NAES formed a Restoration Advisory Board (RAB) in FY89, Fort Dix formed a RAB in FY96, and McGuire AFB formed a RAB in FY99. To ensure continuous monitoring and improvement, Fort Dix completed five-year review reports for the Sanitary LF in FY99, FY05, and FY10. and Lakehurst NAES completed five-year review reports in FY01 and FY06.

To date, Fort Dix has completed nine Records of Decision (RODs), which selected cleanup actions for environmental restoration sites at the installation. Lakehurst NAES has completed RODs for all environmental restoration sites. After conducting inventories of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP), Fort Dix and Lakehurst NAES have identified MMRP sites; McGuire AFB has identified no MMRP sites.

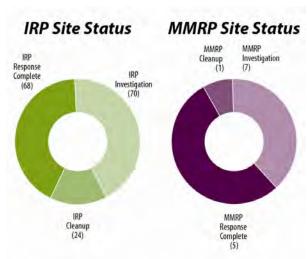
# **FY10 IRP Progress**

Under the McGuire Program, JB MDL completed a site closure report that determined no further cleanup actions were necessary on the Boeing Michigan Aeronautical Research Center (BOMARC) missile accident site (Radioactive Waste

01), and received concurrence from the New Jersey
Department of the Environment. Under the Dix Program, JB
MDL completed a five-year review report for the Sanitary LF.
Under the Lakehurst Program, JB MDL continued operating a
groundwater recovery and treatment system at Areas A and B,
and completed a removal action for perchloroethylene.

Regarding the Dix Program, regulatory issues delayed completion of the proposed plan (PP) and ROD for the ANC LF; modification of the remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives at the Range LF and the RI report for the New Egypt Armory. Also regarding the Dix Program, technical issues delayed completion of the planning process for the Property Disposal Office LF, and the construction of groundwater monitoring wells north of Dogwood Lake. Regarding the Lakehurst Program, technical issues delayed the discontinuation of the groundwater recovery and treatment system at Areas A and B.

 $\ensuremath{\mathsf{JB}}$  MDL conducted quarterly RAB meetings for the McGuire, Dix, and Lakehurst Programs.



# **FY10 MMRP Progress**

Under the McGuire Program, JB MDL is reviewing its inventory of sites known or suspected of containing munitions for the MMRP. The Dix Program conducted no MMRP actions. Under the Lakehurst Program, JB MDL completed an SI work plan at Unexploded Ordnance (UXO) Sites 1 and 3 through 6, and began sampling at UXO Sites 4 through 6.

#### **Plan of Action**

Plan of action items for Joint Base McGuire-Dix-Lakehurst are grouped below according to program category.

#### **IRP**

- McGuire: Complete RI and begin FS at 24 sites in Operable Units (OUs) 1 - 5 and BOMARC, complete RI and begin FS at 14 sites in OUs 6 - 8 in FY11.
- McGuire: Conduct Treatability Study and a focused FS for cleanup at Spill Site 36, conduct removal actions at OUs 1 and 5 in FY11-FY12.
- Dix: Complete removal of 33 abandoned USTs, complete RI/FS and begin soil removal at the New Egypt Armory in FY11.
- Dix Program: Complete RI/FS, PP, and ROD for the Range LF and the ANC LF in FY11-FY12.
- Lakehurst: Complete five-year review report for Areas I and J, begin source area investigation for Area I in FY11.
- Lakehurst: Complete vapor intrusion sampling at Areas A and B, complete cleanup completion plans for all sites in FY11.

#### **MMRP**

- Lakehurst: Conduct fieldwork and complete SI work plan and proposed cleanup plan for UXO Sites 4 - 6 in FY11.
- Lakehurst: Conduct sampling and complete the SI report for UXO Sites 1 - 3, begin RI at UXO Sites 1 and 2 - 6 in FY11.
- Dix: Begin RI at the Small Arms Range and Practice Mortar Site in FY11-FY12.

Air Force

**FFID:** VA317002248200

**Location (Size):** Virginia Beach, Virginia (2,147 acres)

**Mission:** Provide logistics facilities and support services to

meet the amphibious warfare training requirements of the Armed Forces

HRS Score: 50; placed on NPL in May 1999
IAG Status: FFA signed November 2003

Contaminants: Heavy metals, mixed municipal wastes, VOCs,

SVOCs, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 39.0 million

Est. CTC (Comp Year): \$ 271.8 million (FY2051)

IRP Sites (Final RIP/RC): 50 (FY2012)
MMRP Sites (Final RIP/RC): 3 (FY2020)

Five-Year Review Status: Completed amd planned IRP/MMRP Status Table: Refer to page E-6-170

#### Introduction

In October 2009, the Navy combined the property and restoration responsibilities of Naval Amphibious Base (NAB) Little Creek and the Army's Fort Story to create Joint Expeditionary Base (JEB) Little Creek-Fort Story. JEB Little Creek-Fort Story provides logistics facilities and support services to meet the amphibious warfare requirements of the Armed Forces. Site types at this installation include landfills, a music equipment plating shop, a laundry waste disposal area, a pentachlorophenol dip tank, sandblast yards, battery storage areas, and underground storage tanks. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1999. DoD and EPA signed a federal facility agreement (FFA) in 2003 to outline how they were going to proceed with cleanup. The installation established a Restoration Advisory Board in 1994, which is responsible for communicating cleanup progress with the community. The RAB completed a community relations plan in FY02. The Navy, EPA, and the Commonwealth of Virginia formed a partnership to address environmental cleanup at the facility and meet frequently to track progress. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY09.

To date, JEB Little Creek-Fort Story has signed seven Records of Decision (RODs), which selected cleanup actions for five environmental restoration sites. The installation has also closed over 100 CERCLA and RCRA sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

JEB Little Creek-Fort Story completed cleanup for Site 13 and assumed environmental restoration responsibilities from Fort Story. The installation also completed the assessment of potential risks to the environment for Solid Waste Management Unit (SWMU) 7b and completed the cleanup report for Site 7. In addition, JEB Little Creek-Fort Story completed the remedial investigation for Site 11a. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed the completion of the feasibility study (FS) to evaluate cleanup alternatives at Site 11a.

# **FY10 MMRP Progress**

JEB Little Creek-Fort Story completed preliminary assessments and site inspections for all sites and finalized close out documents for all but one site.

#### **Plan of Action**

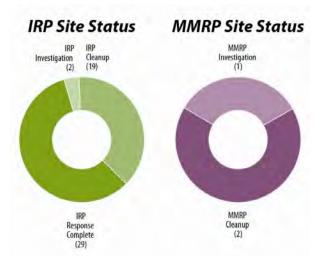
Plan of action items for Joint Expeditionary Base Little Creek-Fort Story are grouped below according to program category.

#### **IRP**

- Complete the FS and finalize the ROD for Site 11a in FY11.
- Perform sampling event and complete an ecological risk assessment for SWMU 7b in FY11.
- Complete design for cleanup at shoreline areas in FY11.
- Complete vapor intrusion analysis at Sites 11 and 13 in FY11.
- Complete an ecological risk assessment for SWMU 3 in FY11.

#### **MMRP**

 Finalize closeout document for the Morale, Welfare and Recreation Skeet Range in FY11.



# Joliet Army Ammunition Plant LAP Area and Manufacturing Area

FFID: IL521382046000

Location (Size): Wilmington, Illinois (1,730 acres)

Mission: Manufacture, load, assemble, and pack

munitions and explosives

HRS Score: 35.23 (Loading, Assembling, and Packing Area);

placed on NPL in March 1989; 32.08

(Manufacturing Area); placed on NPL in July

1987

IAG Status: IAG signed in June 1989 Contaminants:

Explosives, heavy metals, VOCs, PCBs, SVOCs,

propellants

Media Affected: Groundwater and Soil

\$ 126.9 million **Funding to Date:** 

Est. CTC (Comp Year): \$ 17.2 million (FY2014)

IRP Sites (Final RIP/RC): 55 (FY2010) MMRP Sites (Final RIP/RC): 5 (FY2014)

**Five-Year Review Status:** Completed and planned IRP/MMRP Status Table: Refer to page E-6-77

#### Introduction

The Army constructed Joliet Army Ammunition Plant (AAP) in the early 1940s. It was one of the largest munitions and explosives manufacturers in the Midwest. Installation operations included manufacturing explosives and loading, assembling, and packing munitions for shipment. The installation consolidated all environmental restoration sites into two operable units (OUs): one for groundwater contamination and another for soil. The potential risk to human health and the environment was significant enough for EPA to place the 9,159-acre Manufacturing Area and the 14,385-acre Loading Area on the NPL in July 1987 and March 1989, respectively. DoD and EPA signed an interagency agreement (IAG) in June 1989 to outline how they were going to proceed with cleanup. In FY95, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports for the Soil and Groundwater OUs in FY05.

To date, the installation has transferred nearly 22,000 acres. including: 15,000 acres to the U.S. Forest Service; approximately 3,000 acres to the State of Illinois; 2,630 acres to the U.S. Department of Agriculture (USDA); 982 acres to the U.S. Department of Veterans Affairs; and 455 acres to Will County, Illinois. The installation also has completed three Records of Decision (RODs), which selected cleanup actions at environmental restoration sites. Joliet AAP completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Joliet AAP continued long-term management (LTM) of groundwater sites and long-term operations (LTO) of closed landfills (LFs). The installation also completed closure of 44 groundwater monitoring wells and transferred 235 acres to the State of Illinois. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative issues delayed the transfer of acreage to USDA.

# **FY10 MMRP Progress**

Joliet AAP began the remedial investigation for the Extended Buffer Area.

Technical issues delayed regulatory approval and the start of fieldwork on the Extended Buffer Area. Administrative issues delayed completion of the ROD to close three sites.

#### Plan of Action

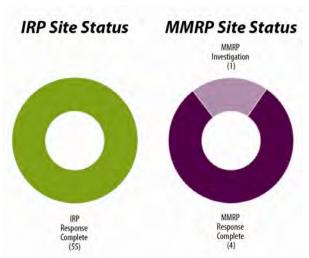
Plan of action items for Joliet Army Ammunition Plant are grouped below according to program category.

#### **IRP**

- · Tranfer acreage to USDA in FY11.
- · Continue LTM and LTO of closed LFs in FY11-FY12.

#### MMRP

· Complete workplan with regulatory approval in FY11.



F-95 Army

**FFID**: MI557002476000

**Location (Size):** Gwinn, Michigan (4,953 acres)

Mission: Conducted long-range bombardment and air

refueling operations

HRS Score: N/A
IAG Status: N/A

**Contaminants:** POLs, pesticides, heavy metals, solvents,

SVOCs, VOCs, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 63.3 million

Est. CTC (Comp Year): \$ 19.9 million (FY2038)

IRP Sites (Final RIP/RC): 30 (FY2006)
MMRP Sites (Final RIP/RC): 4 (FY1998)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-96

#### Introduction

K.I. Sawyer Air Force Base (AFB) formerly conducted long-range bombardment and air refueling operations. Environmental studies have been in progress at the installation since FY84. Sites identified include landfills, fire training areas, underground storage tanks (USTs), aboveground storage tank spill sites, drainage pits, and a drainage pond. The primary contaminants affecting soil and groundwater are petroleum hydrocarbons, trichloroethylene (TCE), tetrachloroethylene (PCE), vinyl chloride, and heavy metals. In July 1993, the BRAC Commission recommended closure of K.I. Sawyer AFB, deactivation of the 410th Wing, and transfer of the base's mission. In September 1995, the installation closed. In 1994, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and formed a Restoration Advisory Board to discuss cleanup progress with the community. In FY99, the installation received funding for technical assistance for public participation. To ensure continuous monitoring and improvement, the installation completed its first five-year review report in FY06.

Interim cleanup has included removal of USTs, removal and cleanup of contaminated soil, installation of groundwater extraction wells, construction and operation of a groundwater treatment plant, removal of fuel from groundwater at the former petroleum/oil/lubricant (POL) storage area (Storage Tank [ST] 004), and installation of bioventing systems that increase oxygen flow in the soil to stimulate microbial activity. To date, no further cleanup action is required at 21 sites. In FY03, the installation transferred 93 acres to the County of Marquette. The installation transferred all remaining property to the Hannah Indian Community in FY07. In FY04, K.I. Sawyer AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

# **FY10 IRP Progress**

K.I. Sawyer awarded a five-year performance-based contract, and began the second five-year review report.

# **FY10 MMRP Progress**

K.I. Sawyer AFB evaluated requirements at MMRP sites and confirmed there were no further actions needed.

#### **Plan of Action**

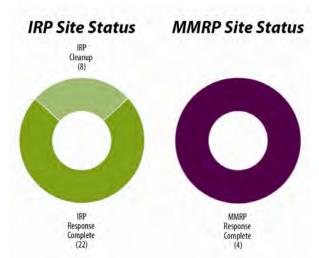
Plan of action items for K.I. Sawyer Air Force Base are grouped below according to program category.

#### **IRP**

- Complete a second five-year review report in FY11.
- Operate and maintain interceptor trench system at ST 004 in FY11-FY12.
- · Continue groundwater monitoring in FY11-FY12.
- Perform annual land use control and institutional control inspections in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** KS721382046700

Location (Size): Labette County, Kansas (13,727 acres)

**Mission:** Produce munitions and maintain replenishment

production capability

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Explosives, metals, dioxins, furans, VOCs,

SVOCs, propellants, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 43.1 million

Est. CTC (Comp Year): \$ 6.0 million (FY2038)

IRP Sites (Final RIP/RC): 28 (FY2013)
MMRP Sites (Final RIP/RC): 1 (FY2011)

Five-Year Review Status: Underway

IRP/MMRP Status Table: Refer to page E-7-25

#### Introduction

The Army established Kansas Army Ammunition Plant (AAP) in 1941 to produce munitions and maintain replenishment production capability during World War II. The original construction consisted of three load lines, four component areas, an ammonium nitrate area, five explosive storage areas, an inert storage area, and a maintenance and administration area. Areas of environmental concern include production areas, landfills, open burning cages, open burning pads, an open detonation area, and miscellaneous maintenance and support areas. Kansas AAP has detected explosives in groundwater in some production areas and some contamination at all landfill areas. Primary contaminants of concern in the production and open burning areas are explosives and metals. Two closed landfill areas contained volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metals in surface soils and groundwater. The 2005 BRAC Commission recommended Kansas AAP for closure.

Kansas AAP has removed explosives contamination and metals-contaminated soils at the 900 Area, 1000 Area, 1100 Area, and open burn areas. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one site was identified.

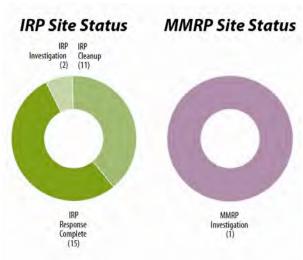
# **FY10 IRP Progress**

Kansas AAP completed the first phase of the 1200 Area soil removal project. The installation closed the active landfill (Solid Waste Management Unit 15). The installation completed corrective measures at the pistol range. The installation also began corrective measures at the skeet range and sewage treatment plant, and continued efforts at Burn Pads 5 and 6, the contaminated waste processor, explosive waste incinerator, and the hazardous waste storage igloos.

Technical issues delayed completion of the 1200 Area soil removal project. Regulatory issues delayed completion of the five-year review report and corrective measures at the skeet range and sewage treatment plant. Regulatory, technical, and administrative issues delayed closure of the hazardous waste storage igloos, Burn Pads 5 and 6, explosive waste incinerator, and the contaminated waste processor.

# **FY10 MMRP Progress**

Regulatory issues delayed completion of the report determining that no further cleanup actions are necessary at the Old Ammunition Storage Area.



#### **Plan of Action**

Plan of action items for Kansas Army Ammunition Plant are grouped below according to program category.

#### IRP

- Complete closure of the hazardous waste storage igloos, Burn Pads 5 and 6, the pistol range and the contaminated waste processor in FY11.
- Complete the second phase of the 1200 Area soil removal project in FY11.
- Complete the five-year review report in FY11.
- Complete corrective measures at the skeet range and sewage treatment plant in FY11.
- Complete removal and/or transfer of permitted aboveground storage tanks and any required corrective measures associated with their removal in FY11.
- Complete soil removals for lead at four water towers in FY11.
- Complete preliminary investigations for two new potential burning grounds and disposal areas in FY11-FY12.

#### **MMRP**

- Complete the additional surface sweep and soil sampling at the Old Ammunition Storage Area in FY11.
- Complete report determining that no further clenaup actions are necessary at the Old Ammunition Storage Area in FY11.

Kelly Air Force Base

BRAC 1995

IRP/MMRP Status Table:

Refer to page E-6-157

**FFID:** TX657172433300

**Location (Size):** San Antonio, Texas (3,997 acres)

**Mission:** Provided depot-level aircraft and engine repair

HRS Score: N/A
IAG Status: N/A

Introduction

sites were identified.

Contaminants: Metals, VOCs, SVOCs, PCBs

Kelly Air Force Base (AFB) formerly provided depot-level

aircraft maintenance areas, sludge lagoons, and

aircraft and engine repair. Sites identified at the installation include landfills, spill sites (SSs), former fire training areas,

low-level radioactive waste sites, underground storage tanks,

sludge-spreading beds. In July 1995, the BRAC Commission

airfield and all associated support activities were realigned to Lackland AFB, Texas. In FY96, the installation formed a BRAC

cleanup team to develop a process for cleanup of sites at Kelly

AFB. That same year, the BRAC cleanup team developed the

first BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation formed a

progress with the community. In FY99, the installation received

ensure continuous monitoring and improvement, the installation

To date, the installation has transferred all property to the local

for the Military Munitions Response Program (MMRP); MMRP

redevelopment authority. In FY04, Kelly AFB conducted an inventory of sites suspected to contain munitions contamination

technical assistance for public participation funding. In FY04,

Restoration Advisory Board in FY94 to discuss cleanup

the installation updated the community relations plan. To

completed a five-year review report in FY06.

recommended closure and realignment of Kelly AFB. The

Media Affected: Surface Water, Soil, Groundwater

Funding to Date: \$ 290.6 million

Est. CTC (Comp Year): \$ 48.6 million (FY2023)

IRP Sites (Final RIP/RC): 35 (FY2006)
MMRP Sites (Final RIP/RC): 2 (FY2008)

Five-Year Review Status: Completed and planned

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.

#### **Plan of Action**

Plan of action items for Kelly Air Force Base are grouped below according to program category.

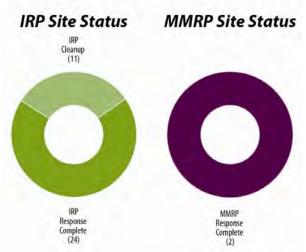
#### **IRP**

- Operate and decommission the electrical resistive heating system at SS 003 in FY11.
- · Complete five-year review report in FY11.
- Award performance based contract for the entire base in FY11.
- Begin investigation to determine the nature and extent of Radium-226 contamination at Buildings 361 and 365 in FY11.
- Continue compliance with TCEQ RCRA permit and compliance plan in FY11-FY12.
- Continue O&M of groundwater treatment systems in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

# FY10 IRP Progress Kelly AFB continued operations and maintenance (O&M) of soil and groundwater treatment systems in compliance with the Texas Commission on Environmental Quality (TCEQ) RCRA permit and compliance plan. Kelly AFB also began an investigation at former Building 329, which resulted in the expansion and optimization of Storage Tank 038. The installation transferred approximately 389 acres to the local redevelopment authority after obtaining a determination of operating properly and successfully from the regulators; the installation has transferred all property. In addition, the installation began the five-year review report, and installed the electrical resistive heating system at SS 003 to enhance current cleanup actions.



**FFID:** WA017002341900

**Location (Size):** Keyport, Washington (340 acres)

 Mission:
 Test, prove, overhaul, and issue torpedoes

 HRS Score:
 32.61; placed on NPL in October 1989

IAG Status: FFA signed in FY90

**Contaminants:** VOCs, heavy metals, petroleum hydrocarbons,

herbicides, fuel, PCBs, pesticides, SVOCs,

miscellaneous inorganic elements and

compounds

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 35.0 million

Est. CTC (Comp Year): \$ 18.1 million (FY2042)

IRP Sites (Final RIP/RC): 13 (FY2007)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Underway

**IRP/MMRP Status Table:** Refer to page E-6-176

#### Introduction

Operations at the Keyport Naval Undersea Warfare Center (NUWC), including torpedo plating, refurbishing, and disposal, contributed to contamination at the property. Environmental investigations at the installation have identified sites such as underground storage tanks, sumps, spill sites, a landfill, and an underground trench. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1989. DoD and EPA signed a federal facility agreement (FFA) in FY90 to outline how they were going to proceed with cleanup. In September 1995, the BRAC Commission recommended realignment of Keyport NUWC. The center's responsibility for maintaining combat system consoles and its general industrial workload were moved to Puget Sound Naval Shipyard. In FY89 the installation formed a technical review committee, responsible for communicating cleanup with the community, and converted it to a Restoration Advisory Board in FY95. Keyport NUWC completed a community relations plan in FY90 and updated it in FY00. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY05.

The installation has completed a Record of Decision, which selected cleanup actions at Operable Units (OUs) 1 and 2. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Keyport NUWC continued to operate the cleanup system at OU 1 and continued long-term management (LTM) at OUs 1 and 2. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed completion of the five-year review report.

# **FY10 MMRP Progress**

Keyport NUWC has identified no MMRP sites.

# **Plan of Action**

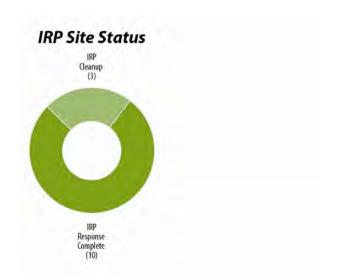
Plan of action items for Keyport Naval Undersea Warfare Center are grouped below according to program category.

#### **IRP**

- · Complete a five-year review report in FY11.
- Continue to operate the cleanup system at OU 1 in FY11-FY12.
- Continue LTM at OUs 1 and 2 in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



# **Lake City Army Ammunition Plant Northwest Lagoon**

**FFID:** MO721382048900

Location (Size): Independence, Missouri (3,935 acres)

Mission: Manufacture, store, and test small-arms

munitions

**HRS Score:** 33.62; placed on NPL in July 1987

IAG Status: IAG signed in September 1989

**Contaminants:** Explosives, heavy metals, solvents, VOCs,

POLs, SVOCs, propellants, radiologicals

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$ 148.0 million

Est. CTC (Comp Year): \$ 79.3 million (FY2048)

IRP Sites (Final RIP/RC): 37 (FY2009)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and underway IRP/MMRP Status Table: Refer to page E-6-102

#### Introduction

Lake City Army Ammunition Plant (AAP) is a government-owned, contractor-operated facility. Its mission is to manufacture, store, and test small arms munitions. Principal site types at the installation include abandoned disposal pits, sumps, firing ranges, old lagoons, old dumps, closed RCRA lagoons, and burning grounds. Groundwater contaminants include volatile organic compounds (VOCs), explosives, and heavy metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in September 1989 to outline how they were going to proceed with cleanup. Lake City AAP formed a Restoration Advisory Board in FY97 to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, Lake City AAP has signed 6 Records of Decision (RODs), which selected cleanup actions for 37 sites. In FY04, the installation completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Lake City AAP began a five-year review report. The installation completed the ROD for Area 10 and implemented land use controls, which restrict use of and access to the site. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory and technical issues delayed completion of a five-year review report.

# **FY10 MMRP Progress**

Lake City AAP has identified no MMRP sites.

#### **Plan of Action**

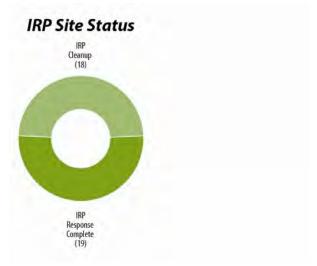
Plan of action items for Lake City Army Ammunition Plant are grouped below according to program category.

#### IRP

Complete five-year revew report in FY11.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID**: VA357212447700

**Location (Size):** Hampton, Virginia (3,152 acres)

Mission: Hosted many organizations, including Air Combat

Command Headquarters and 480th

Reconnaissance Wing

HRS Score: 50.00; placed on NPL in May 1994

IAG Status: NASA signed a FFA in October 1993; Air Force

FFA signed in September 2009

**Contaminants:** Pesticides, PCBs, solvents, heavy metals,

petroleum products, SVOCs, radioactive

materials, VOCs, PAHs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$85.3 million

Est. CTC (Comp Year): \$ 19.4 million (FY2014)

IRP Sites (Final RIP/RC): 66 (FY2012)
MMRP Sites (Final RIP/RC): 12 (FY2014)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-172

#### Introduction

Since 1917, Langley Air Force Base (AFB) has been an airfield, an aeronautical research center, and the home base of the 1st Fighter Wing and Headquarters Air Combat Command. Sites at the installation include Landfills (LFs), underground storage tanks, a bulk fuel distribution system, waste pits, fire training areas, other sites, and storm sewers. Investigations determined that contaminants were migrating into Tabbs Creek, Back River, and the Chesapeake Bay. The potential risk to human health and the environment was significant enough for EPA to place the installation and the adjacent NASA Langley Research Center on the NPL in May 1994. In FY09, DoD, EPA, and the State signed a federal facility agreement (FFA) to outline how they would proceed with cleanup at Langley AFB. The 2005 BRAC Commission recommended Langley AFB for realignment. The installation formed a Restoration Advisory Board in FY94 to discuss the installation's cleanup progress with the community.

To date, the installation has signed 16 Records of Decision (RODs), which selected cleanup actions at 20 environmental restoration sites. The installation also completed two decision documents, which determined that no further cleanup actions were necessary at areas of concern Disposal Pit 66 and Drainage Ditches 66 and 68. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Langley AFB drafted the second five-year review report, and began cleanup at the Southwest Branch portion of Spill Site (SS) 63. The installation signed the ROD for LFs 07, 11, and 12. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Administrative issues delayed the draft cleanup reports for LF 17, Other Site (OT) 25, and the Lighter-Than-Air Cove portion of SS 63. Regulatory issues delayed the ROD for LF 10."

# **FY10 MMRP Progress**

Langley AFB reviewed the draft Phase II site inspection (SI) evaluation report and conducted additional site fieldwork.

Administrative issues delayed submittal of the SI evaluation report and the remedial investigation (RI).

#### **Plan of Action**

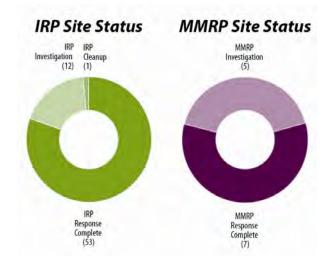
Plan of action items for Langley Air Force Base are grouped below according to program category.

#### **IRP**

- Finalize the five-year review report in FY11.
- Finalize the focused feasibility study to evaluate cleanup alternatives and begin the proposed plan to identify the preferred alternative for OT 64 in FY11.
- Finalize the cleanup report for LF 17, OT 25, and the Lighter-Than-Air Cove portion of SS 63 in FY11.
- Finalize the LF 10 ROD in FY11.
- Complete construction of cleanup systems in the Southwest Branch portion of SS 63 in FY11.

#### **MMRP**

- · Finalize the SI evaluation report in FY11.
- Complete the RI in FY11-FY12.



Letterkenny Army Depot NPL/BRAC 1995

**FFID**: PA321382050300

**Location (Size):** Franklin County, Pennsylvania (18,683 acres)

Mission: Store, maintain, and decommission ammunition; rebuild and store vehicles; rebuild, store, and

maintain missiles

HRS Score: 34.21 (Southeastern Area); placed on NPL in

July 1987; 37.51 (Property Disposal Office);

placed on NPL in March 1989

IAG status: IAG signed in February 1989

Contaminants: VOCs, POLs, PCBs, heavy metals, explosives,

asbestos, SVOCs, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 135.8 million

Est. CTC (Comp Year): \$ 5.3 million (FY2040)

MMRP Sites (Final RIP/RC): None

IRP Sites (Final RIP/RC):

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-45

#### Introduction

The mission of Letterkenny Army Depot (AD) is to store. maintain, and decommission ammunition and to rebuild and store vehicles. Contaminated sites include disposal lagoons and trenches, oil burn pits, an open burning and open detonation area, an explosives washout plant, two scrap yards, landfills (LFs), industrial wastewater treatment plant lagoons. and industrial wastewater sewer lines. The potential risk to human health and the environment was significant enough for EPA to place two areas of the installation on the NPL: the Southeastern Area in July 1987 and the Property Disposal Office in March 1989. DoD and EPA signed an interagency agreement (IAG) in February 1989 to outline how they were going to proceed with cleanup. The 1995 BRAC commission recommended the installation for closure. In FY96, Letterkenny AD established a BRAC cleanup team to develop a process for cleanup of sites. Also in FY96, the community formed a local redevelopment authority, and the installation established a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Letterkenny AD completed five-year review reports for the Southeastern Area NPL site in FY02 and FY08.

To date, Letterkenny AD has has transferred approximately 833 acres. The installation has also signed 5 BRAC Records of Decision (RODs), which selected cleanup actions for 16 sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Letterkenny AD completed Phase IV parcels property transfer and the Phase V parcels Proposed Plan (PP). The installation resolved the legal issues for Southeastern Operable Unit (OU) 9 LF 2 (Area J).

Regulatory issues delayed completion of the draft ROD for Phase V parcels and the completion of the focused feasibility study (FS) to evaluate cleanup alternatives and a design for cleanup of contaminated groundwater at Southeastern OUs 3A, 6 and 11. Regulatory issues also delayed completion of the ROD for the TNT Washout Plant. Technical issues delayed completion of the ROD for Southeastern OU 12 LF 5 (Area G).

# **FY10 MMRP Progress**

Letterkenny AD has identified no sites suspected to contain munitions contamination for the MMRP.

# IRP Site Status IRP IRP Cleanup (28) (1) IRP Response Complete (90)

#### **Plan of Action**

Plan of action items for Letterkenny Army Depot are grouped below according to program category.

119 (FY2012)

#### IRP

- Complete land use control design for cleanup, which restricts use of and access to Phase I and II Parcels in FY11.
- Transfer Phase V Parcels in FY11.
- Complete the focused FS and the design for cleanup of contaminated groundwater at Southeastern Operable Units OUs 3A, 6 and 11 in FY11.
- Sign the ROD for the TNT Washout Plant and Southeastern OU 12 LF 5 (Area G) in FY11.
- Complete the FS, PP and ROD for Southeastern OU 9 in FY11.
- Complete Phase VI FS and draft PP in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** TX621382183100

Location (Size):Texarkana, Texas (15,546 acres)Mission:Load, assemble, and pack ammunitionHRS Score:31.85; placed on NPL in July 1987IAG Status:IAG signed in September 1990

**Contaminants:** VOCs, petroleum, heavy metals, explosives

Media Affected: Groundwater and Soil

Funding to Date: \$ 30.2 million

Est. CTC (Comp Year): \$ 6.7 million (FY2037)

IRP Sites (Final RIP/RC): 47 (FY2006)
MMRP Sites (Final RIP/RC): 1 (FY2014)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-7-49

#### Introduction

Lone Star Army Ammunition Plant (AAP) loads, assembles, and packs munitions. From 1943 to 1944 the Old Demolition Area was the location for the destruction of faulty or nonstandard explosives. RCRA sites investigated include surface impoundments, landfills, fuel storage areas, and load lines. Investigations revealed soil contamination with solvents. metals, explosives, and contaminated groundwater. Environmental studies revealed explosives and metal contamination in the Old Demolition Area. The potential risk to human health and the environment was significant enough for EPA to place the Old Demolition Area on the NPL in 1987. DoD and EPA signed an interagency agreement (IAG) in 1990 to outline how they were going to proceed with cleanup. In May 2005, the BRAC Commission recommended closure of Lone Star AAP. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY06.

To date, Lone Star AAP has signed one Record of Decision, which selected cleanup actions for the Old Demolition Area. In FY08, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

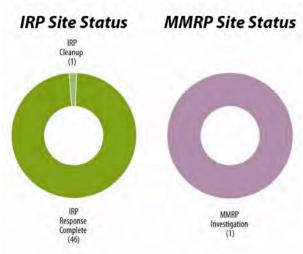
# **FY10 IRP Progress**

Lone Star AAP awarded a performance-based contract to decontaminate buildings and the installation began remedial investigations (RIs) at over 13 sites as part of the Affected Property Assessment Report. The installation obtained approval for and completed a groundwater study at three sites (Units 16 and 55 and O-Ponds). Lone Star AAP began a radiological survey at Site BC 44 for various radiation equipment located at the installation and also began explosive equipment decontamination and removal on several load lines at Site BA 07. In addition, Lone Star AAP met with the Texas Commission on Environmental Quality and EPA to obtain concurrence on the proposed actions at the 13 sites.

Regulatory issues delayed the approval to delist the Old Demolition Area. Additionally, technical issues delayed beginning the fieldwork for the Affected Property Assessment Report for the Red River Redevelopment Authority.

# **FY10 MMRP Progress**

Lone Star AAP completed RI fieldwork and submitted the Affected Property Assessment Report for the Abandoned Pistol Range.



#### **Plan of Action**

Plan of action items for Lone Star Army Ammunition Plant are grouped below according to program category.

#### IRP

- Submit RCRA Permit/Compliance Plan modification to the Texas Commission on Environmental Quality in FY11.
- Begin fieldwork in support of the Ecological Risk Assessment and Affected Property Assessment Report for the Red River Redevelopment Authority property in FY11.
- Complete draft Affected Property Assessment Report for Load Lines A and E in FY11-FY12.

#### **MMRP**

 Submit final Affected Property Assessment Report to the Texas Commission on Environmental Quality for the Abandoned Pistol Range in FY11.

**FFID:** CA917002727200, CA917002755400,

CA917002319000, and CA917002726700

Location (Size): Long Beach, California (1,563 acres)

Mission: Supported logistics; worked with construction, dry

docking, and outfitting of ships; performed

manufacturing and test work

HRS Score: N/A

IAG Status: N/A

Contaminants: Metals, VOCs, Other, SVOCs

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 67.4 million

Est. CTC (Comp Year): \$ 8.6 million (FY2021)

IRP Sites (Final RIP/RC): 26 (FY2021)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-7

#### Introduction

The Long Beach Naval Complex (NC) consists of the Long Beach Naval Shipyard (NSY), Naval Station (NS) Long Beach, and the Long Beach Naval Hospital (NAVHOSP). The Long Beach NC provided logistics support, construction, alteration, dry docking, and outfitting of ships and craft. NSY and NS operations that contributed to contamination include ship and vehicle repair and maintenance, utility maintenance and operation, support shops, storage of petroleum products and hazardous materials, laundry and dry cleaning, steam plant operations, and air compressor operations. Portions of housing areas associated with the NSY disposed of ship wastes, drilling mud, and construction debris. The BRAC Commission recommended closure of the NAVHOSP, the NS, and associated housing areas in FY91; closure occurred in FY94. The BRAC Commission recommended closure of the NSY and associated housing areas in FY93; closure occurred in FY97. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and completed a BRAC cleanup plan to prioritize sites requiring environmental restoration. The joint NS and NSY technical review committee converted to a Restoration Advisory Board (RAB), which is responsible for communicating cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY05 and FY09.

To date, the installation has completed Records of Decision, which selected cleanup actions for Sites 1 through 6A, 7, and 8 through 13. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Long Beach NC obtained determinations that no further cleanup action was necessary for unrestricted use at 15 areas of concern. The installation also conducted an optimization study to identify opportunities for streamlining cleanup of groundwater at Sites 12 and 13.

Regulatory issues delayed concurrence that no further cleanup action is necessary for groundwater at Site 9.

Long Beach NC adjourned the BRAC portion of the RAB.

# **FY10 MMRP Progress**

Long Beach NC has identified no MMRP sites at this installation.

#### **Plan of Action**

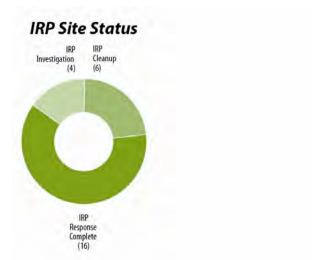
Plan of action items for Long Beach Naval Complex are grouped below according to program category.

#### **IRP**

- Obtain concurrence that no further cleanup action is required for groundwater at Site 9 in FY11.
- Continue groundwater monitoring at Sites 11, 12, and 13 in FY11.
- Finalize supplemental radiological assessment at Sites 1 and 2 in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** TX621382052900

**Location (Size):** Karnack, Texas (8,416 acres)

Mission: Loaded, assembled, and packed pyrotechnic and

illuminating signal munitions

HRS Score: 39.83; placed on NPL in August 1990

IAG Status: IAG signed in October 1991

Contaminants: Heavy metals, VOCs, perchlorate, explosives,

SVOCs, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 104.5 million

Est. CTC (Comp Year): \$ 15.1 million (FY2040)

IRP Sites (Final RIP/RC): 48 (FY2014)
MMRP Sites (Final RIP/RC): 3 (FY2011)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-155

#### Introduction

Longhorn Army Ammunition Plant (AAP) manufactured pyrotechnic and illuminating signal munitions and solid-propellant rocket motors. Identified cleanup sites include storage areas, landfills, open burning grounds, industrial areas, burial pits, sumps, and wastewater treatment plants. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed an interagency agreement (IAG) in October 1991 to outline how they were going to proceed with cleanup. Longhorn AAP became inactive in July 1997. The installation updated the community relations plan in FY03. In FY04, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Longhorn AAP completed five-year review reports for Sites Longhorn AAP 12, 16, 18, and 24 in FY02 and FY08; and a five-year review report for Site Longhorn AAP 17 in FY08.

Longhorn AAP has signed two itermin Records of Decision (RODs), which selected cleanup actions at four sites, and six RODs determining that no further cleanup actions were necessary for ten sites. To date, the installation has transferred approximately 7,400 acres. In FY02, Longhorn AAP conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

# **FY10 IRP Progress**

Longhorn AAP completed a remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives for six sights, and completed RODs and decision documents for ten sites. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed completion of the RI/FS for two sites, and a ROD for one site. Regulatory issues also delayed installation and operation of cleanup systems at two sites. Administrative issues delayed completion of designs for cleanup at four sites.

# **FY10 MMRP Progress**

Regulatory issues delayed completion of proposed plans (PPs) and RODs for two sites, and finalization of data summary reports for two sites.

#### **Plan of Action**

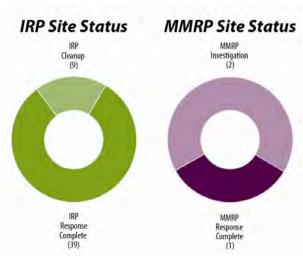
Plan of action items for Longhorn Army Ammunition Plant are grouped below according to program category.

#### **IRP**

- · Complete RI/FS for four sites in FY11.
- Complete RODs for six sites in FY11.
- Complete designs for and cleanup at seven sites in FY11.
- Complete construction of cleanup systems at two sites in FY11.

#### **MMRP**

- Finalize data summary reports for two sites in FY11.
- · Complete PPs and RODs for two sites in FY12.



Loring Air Force Base NPL/BRAC 1991

**FFID:** ME157002452200

**Location (Size):** Limestone, Maine (9,472 acres)

Mission: Supported B-52 bombers and KC-135 tankers

**HRS Score:** 34.49; placed on NPL in February 1990

IAG Status: FFA signed in April 1991; revision signed in 1994

Contaminants: VOCs, POLs, spent solvents, PCBs, pesticides,

heavy metals, SVOCs, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 141.2 million

Est. CTC (Comp Year): \$ 17.4 million (FY2999)

IRP Sites (Final RIP/RC): 64 (FY2001)
MMRP Sites (Final RIP/RC): 8 (FY1999)

Five-Year Review Status: Completed and planned

# IRP/MMRP Status Table: Refer to page E-6-89

#### Introduction

Loring Air Force Base (AFB) was established in 1952 to support bomber and tanker aircraft operations. Sites identified include spill areas, landfills, fire training areas, underground storage tanks, aboveground storage tanks, and low-level radioactive waste areas. The flightline and nose dock areas, where industrial shops and maintenance hangars were located, are the primary areas where wastes were released into soil and groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in April 1991, which was last revised in 1994, to outline how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of the installation; Loring AFB closed in September 1994. In FY94, the installation formed a BRAC cleanup team to develop a process for cleaning up sites at Loring AFB. In FY98, the BRAC cleanup team updated and published the BRAC cleanup plan to prioritize sites requiring environmental restoration. In FY94, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00. FY05, and FY10.

Sites at Loring AFB are grouped into 13 operable units (OUs). To date, 12 Records of Decision, selecting cleanup actions at 9 OUs, have been signed. The Air Force has transferred all property to the Loring Development Authority. In FY04, Loring AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Loring AFB completed the third five-year review report. The installation also continued operations and maintenance (O&M) at all remaining sites. Loring AFB began a bioenhancement pilot study at the Fuel Tank Farms. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the completion of the work plan and cleanup at the Fuel Tank Farms.

#### **FY10 MMRP Progress**

The installation conducted no MMRP actions.

#### **Plan of Action**

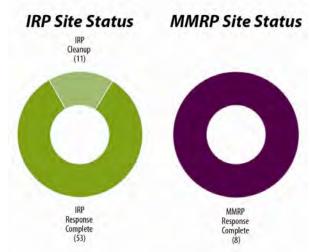
Plan of action items for Loring Air Force Base are grouped below according to program category.

#### **IRP**

- Award performance-based contract for cleanup at Fuel Tank Farms in FY11.
- Conduct vapor intrusion investigation in FY11.
- Continue O&M of existing systems in FY11-FY12.

#### MMRP

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** LA621382053300

**Location (Size):** Doyline, Louisiana (14,974 acres)

Mission: Manufacture ammunition metal parts and

maintain ammunition production facilities

**HRS Score:** 30.26; placed on NPL in March 1989

IAG Status: IAG signed in 1989

Contaminants: TNT, RDX, HMX, oils, grease, degreasers,

phosphates, solvents, metal plating sludges,

acids, fly ash

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 60.7 million

Est. CTC (Comp Year): \$ 1.2 million (FY2010)

IRP Sites (Final RIP/RC): 10 (FY2006)

MMRP Sites (Final RIP/RC): 3 (FY2010)
Five-Year Review Status: Completed

IRP/MMRP Status Table: Refer to page E-8-27

#### Introduction

The mission of Louisiana Army Ammunition Plant (AAP) is to manufacture ammunition parts and maintain ammunition production facilities for the Army. Contaminated sites at the installation include lagoons, burning grounds, and landfills contaminated with explosives and plating wastes. Studies identified groundwater contaminated with the explosive compounds TNT, RDX, and HMX. The potential risk to human health and the environmental was significant enough for EPA to place the installation on the NPL in March 1989. Also in 1989, DoD and EPA signed an interagency agreement (IAG) to outline how they were going to proceed with cleanup. In FY05, the Army transferred Louisiana AAP to the Louisiana Army National Guard. To ensure continuous monitoring and improvement, the installation completed five-year review reports for the the Area P lagoons in FY94 and FY00, and another five-year review report in FY06.

Louisiana AAP completed three Records of Decision (ROD) that selected cleanup actions for nine sites, and one ROD that required no further cleanup actions at one site. Between FY89 and FY90, Louisiana AAP incinerated almost 102,000 tons of explosives-contaminated soil and treated more than 53 million gallons of contaminated water. In FY03, Louisiana AAP conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Louisiana AAP completed all IRP cleanup activities and submitted the five-year review report for all sites (Central Proving Ground, Burning Ground 5, and the Small Arms Pistol Range).

# **FY10 MMRP Progress**

Louisiana AAP completed the remedial investigation, proposed plan, and ROD. In addition, the installation transferred environmental responsibilities to the Louisiana Army National Guard.

#### **Plan of Action**

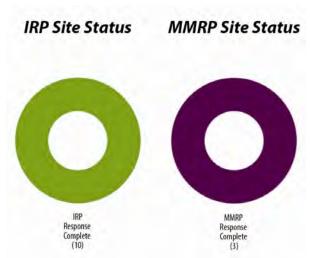
Plan of action items for Louisiana Army Ammunition Plant are grouped below according to program category.

#### **IRP**

- Continue long-term management of monitored cleanup using natural processes according to the Decision Document in FY11.
- Complete the five-year review report for all sites in FY11-FY12.

#### **MMRP**

- Implement ROD in FY11-FY12.
- Implement engineering controls and impose land use controls in FY11-FY12.



Lowry Air Force Base BRAC 1991

**FFID:** CO857002413000

**Location (Size):** Denver, Colorado (1,866 acres)

**Mission:** Served as Air Force technical training center

HRS Score: N/A

IAG Status: IAG under negotiation

**Contaminants:** General refuse, fly ash, coal, metals, fuels,

VOCs, solvents, TCE, petroleum hydrocarbons,

SVOCs, waste oil

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 102.2 million

Est. CTC (Comp Year): \$ 0.0 million (FY2017)

IRP Sites (Final RIP/RC): 20 (FY2012)

MMRP Sites (Final RIP/RC): 5 (FY2007)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-15

#### Introduction

Lowry Air Force Base (AFB) supported the 3400 Technical Training Wing. Environmental sites at the former base include fire training areas, landfills, a fly ash disposal area, coal storage yards, and underground storage tanks. An interagency agreement (IAG) between DoD and EPA to outline how they are going to proceed with cleanup is currently under negotiation. In 1991, the BRAC Commission recommended closure of all but 108 of the 1,866 acres at Lowry AFB. The base closed in September 1994. The 76-acre Defense Finance and Accounting Service and the Air Force Reserve Personnel Center, also known as Buckley Annex, remained at Lowry until the 2005 BRAC Commission recommended it for closure. The installation's Restoration Advisory Board (RAB), formed to discuss cleanup progress with the community, began receiving funding for technical assistance for public participation in FY99. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY09.

In FY04, Lowry AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Lowry AFB pursued regulatory closure of the existing RCRA compliance order. The installation continued groundwater cleanup at Operable Unit 5. The installation also continued landfill maintenance and monitoring, assessing asbestos contamination in soil and performing cleanup as required.

Regulatory issues delayed closure of the existing RCRA compliance order.

Lowry AFB formally adjourned the RAB.

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.

#### **Plan of Action**

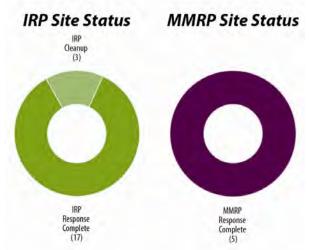
Plan of action items for Lowry Air Force Base are grouped below according to program category.

#### **IRP**

- Obtain regulatory closure of existing RCRA compliance order in FY11.
- · Continue groundwater cleanup in FY11-FY12.
- Continue landfill maintenance and monitoring in FY11-FY12.
- Continue assessing asbestos contamination in soil and perform cleanup as required in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



# NPL/BRAC 1993/BRAC 2005 Realignment

**FFID:** CA957212452700

 Location (Size):
 Riverside, California (6,606 acres)

 Mission:
 Maintain, repair, and refuel aircraft

 HRS Score:
 31.94: placed on NPL in November 1989

IAG Status: FFA signed in September 1990

Contaminants: VOCs, POLs, PCBs, SVOCs, metals, explosives,

propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 159.7 million

Est. CTC (Comp Year): \$ 38.2 million (FY2041)

IRP Sites (Final RIP/RC): 50 (FY2012)
MMRP Sites (Final RIP/RC): 3 (FY1999)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-6-32

#### Introduction

March Air Force Base (AFB) was established as an Army Air Service airfield in 1918 and became an Air Force installation in 1948. Investigations have identified fire training areas (FTAs), inactive landfills, underground storage tanks, an engine test cell, sludge drying beds at a sewage treatment plant, and various spill sites. The potential risk to human health and the environment was significant enough for EPA to place March AFB on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in September 1990 to outline how they were going to proceed with cleanup. The Air Force Reserve Command (AFRC) and the Air Force Real Property Agency signed a memorandum of agreement in FY99 for sharing environmental responsibility. In July 1993, the BRAC Commission recommended realignment of the installation. Following realignment in April 1996, the Air Force retained approximately 2,074 acres as March Air Reserve Base, and the Army and the Navy retained several smaller parcels totaling 95 acres. The installation has transferred the remaining 4,439 acres to the local redevelopment authority, and federal and local government agencies. In 2005, the BRAC Commission recommended the installation for further realignment. In FY94, the installation converted its technical review committe responsible for communicating cleanup progress with the community into a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03 and FY09.

March AFB has grouped Installation Restoration Program (IRP) sites into three Operable Units (OUs): OUs 1, 2, and 4. The installation has signed Records of Decisions (RODs), which selected cleanup actions for 25 AFRC IRP sites and 21 BRAC IRP sites. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Millitary Munitions Response Program (MMRP); three MMRP sites were identified.

# **FY10 IRP Progress**

March AFB completed the initial fieldwork for the pilot study at Sites 8 and 36. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues, and changes in estimating criteria.

Technical issues delayed the completion of the remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives at Sites 8 and 36. Regulatory issues delayed the soil vapor extraction (SVE) system for trichloroethylene (TCE) at FTA 007.

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.

#### **Plan of Action**

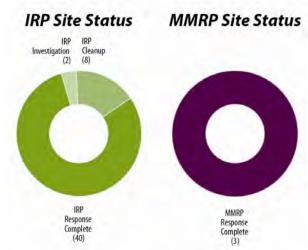
Plan of action items for March Air Force Base are grouped below according to program category.

#### **IRP**

- Complete a pilot study and revised FS at Sites 8 and 36 in FY11.
- Complete proposed plan and ROD amendment and install SVE system at FTA 007 in FY11.
- Complete FS for contaminated groundwater on entire base in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Mare Island Naval Shipyard

BRAC 1993

**FFID**: CA917002477500

Location (Size): Vallejo, California (5,293 acres)

Mission: Maintained and repaired ships and provided

logistical support for assigned ship and service

craft

HRS Score: N/A

IAG Status: FFSRA signed in September 1992; renegotiated

in July 2002

**Contaminants:** Heavy metals, VOCs, PCBs, pesticides,

petroleum hydrocarbons, lead oxides, UXO,

SVOCs, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 274.1 million

Est. CTC (Comp Year): \$ 61.8 million (FY2014)

IRP Sites (Final RIP/RC): 38 (FY2017)
MMRP Sites (Final RIP/RC): 12 (FY2016)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-26

#### Introduction

Mare Island Naval Shipyard (NSY) maintained and repaired ships and provided logistical support for assigned ship and service craft. Ordnance sites include dredge ponds, storage areas, and the production area. DoD and EPA signed a Federal Facility Agreement (FFA) in September 1992, which was last amended in July 2002, to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended closure of Mare Island NSY and relocation of the Combat Systems Technical School's Command Activity to Dam Neck, Virginia. The installation closed in FY96. The installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB) in FY94. An administrative record and information repository were established in FY90. The installation completed its community relations plan in FY92. and updated it in FY94 and FY01. The RAB received funding for technical assistance for public participation in FY99, FY02, and FY03.

To date, the installation has transferred approximately 4,000 acres. The Navy has issued a No Further Action Record of Decision (ROD), which determined no further cleanup activities were necessary for Installation Restoration Program (IRP) Site 22 and Investigation Area (IA) A2, and a ROD selecting cleanup actions for the H1 landfill area. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

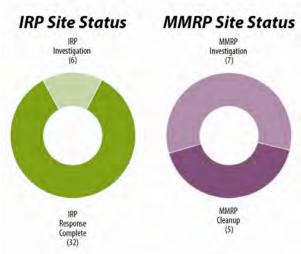
Mare Island NSY completed cleanup at the Defense Reutilization and Marketing Office area (IR Site 28). The installation completed the ROD determining no further cleanup actions were necessary for IA A2. The installation also completed removal actions at Building 742 and Site 17. The cost completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

Technical issues delayed the final remedy and closure of the H1 landfill area.

# **FY10 MMRP Progress**

Mare Island NSY completed a removal action at the Paint Waste Area (Unexploded Ordnance [UXO] 13) and drafted the ROD for the Marine Corps Firing Range (UXO 4).

Technical issues delayed the technical memorandum to detect munitions and explosives of concern (MEC).



#### **Plan of Action**

Plan of action items for Mare Island Naval Shipyard are grouped below according to program category.

#### **IRP**

- Complete Remedial Investigation (RI) for CERCLA contaminants in offshore IA K in FY11.
- Complete final remedy and closure of the H1 landfill area in FY11.
- Finalize the RI and feasibility study to evaluate cleanup alternatives for the Western Magazine Area, IR Site 05, and IR Site 28 in FY11-FY12.
- Begin the site inspection for IR Site 29 and IR Site 30 in FY11-FY12.

#### **MMRP**

- Finalize the Engineering Evaluation and Cost Analysis, and action memorandum, for the removal action at Production Manufacturing Area (UXO 5) and South Shore Area (UXO 7) in FY11.
- Finalize the technical memorandum to detect MEC in FY11.
- Finalize the ROD for the Marine Corps Manufacturing Area (UXO 4) in FY11-FY12.
- Start the RI for the Dredge Pond 3E (UXO 3) in FY11-FY12.

**FFID:** VA317302472200

Location (Size):

**Mission:** Provide military training and support research.

development, testing, and evaluation of military

hardware

**HRS Score:** 50.00; placed on NPL in June 1994

IAG Status: FFAs signed in December 1991 and February

1999

**Contaminants:** PCBs, pesticides, VOCs, SVOCs, phenols,

heavy metals, petroleum hydrocarbons, arsenic,

explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 71.8 million

Est. CTC (Comp Year): \$ 75.5 million (FY2031)

IRP Sites (Final RIP/RC): 102 (FY2017)
MMRP Sites (Final RIP/RC): 29 (FY2021)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-171

#### Introduction

Marine Corps Base (MCB) Quantico's mission is to support training for general combat by providing a varied background in tactical operations and performing research and development of Marine Corps equipment. MCB Quantico operated a municipal landfill throughout the 1970s. After the landfill closed, the area was used as a scrap yard. Sites at the installation include surface disposal areas, underground storage tanks, and disposal pits that contain contaminated soil, surface water, and sediment. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in June 1994. DoD and EPA signed federal facility agreements (FFAs) in December 1991 and in February 1999 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended MCB Quantico for realignment. The installation formed a technical review committee in FY89, which is responsible for communicating cleanup progress with the community. In FY92, the installation established three information repositories, each containing a copy of the administrative record. The installation completed a community relations plan in FY95, which was updated in FY03. To ensure continuous monitoring and improvement, the installation completed five-year review reports for Site 4 in FY02 and FY08.

EPA has identified 303 areas of concern at the installation. MCB Quantico currently recognizes Installation Restoration Program (IRP) sites and RCRA solid waste management units at the installation. The installation signed Records of Decision (RODs), which determined that no further cleanup actions were necessary for Sites 1 and 5 in FY00, and Site 17 in FY01. The installation also signed three RODs for Site 9 and Multi-Site (M13). In FY02, MCB Quantico conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

MCB Quantico finalized two proposed plans (PPs), two long-term management plans, and one treatability study work plan. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed the PP and also indefinitely delayed the ROD for Site 102 (Abraham's Creek). Administrative issues delayed the design for cleanup at Sites 99/96 (Quantico Embayment).

# **FY10 MMRP Progress**

MCB Quantico completed quality assurance plans for the site inspection (SI) work plan and SI report. In addition, the installation completed SIs at all sites.

#### **Plan of Action**

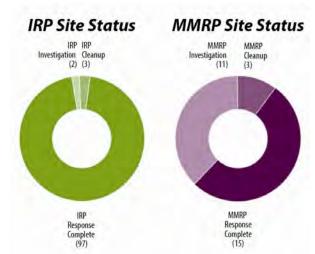
Plan of action items for Marine Corps Base Quantico are grouped below according to program category.

#### **IRP**

- Sign RODs for Sites 100 (Chopawamsic Creek), 99/96 (Quantico Embayment), and Multi-site (M13) in FY11.
- Complete the PP for Site 22 in FY11.
- Complete the design for cleanup at Sites 99/96 (Quantico Embayment) in FY11.
- Sign ROD for SWMU M13 in FY12.
- Complete cleanup at Site 99/96 (Quantico Embayment) in FY12.

#### **MMRP**

 Complete removal action at Unexploded Ordnance Site 021 in FY11.



# **Massachusetts Military Reservation**Otis ANGB and Camp Edwards

**FFID:** MA157282448700

Location (Size): Falmouth, Massachusetts (22,000 acres)

Mission: Provide Army and Air National Guard training

and support the East Coast Air Defense and Coast Guard Air and Sea Rescue Units

**HRS Score**: 45.93; placed on NPL in November 1989

IAG Status: FFA signed in July 1991; last amended in June

2002

**Contaminants:** Waste solvents, VOCs, pesticides, metals,

SVOCs, explosives, propellants,

petroleum-related compounds, PAHs, phenols

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 740.7 million

Est. CTC (Comp Year): \$ 159.5 million (FY2055)

IRP Sites (Final RIP/RC): 85 (FY2009)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-94

#### Introduction

Massachusetts Military Reservation (MR) provides Army and Air National Guard training, and supports the East Coast Air Defense and Coast Guard Air and Sea Rescue Units. Sites at Massachusetts MR include chemical spill (CS) sites, fuel spill (FS) sites, storm drains, landfills (LFs), and former firefighter training areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in July 1991, which was last amended in June 2002, to outline how they were going to proceed with cleanup. Massachusetts MR formed a Restoration Advisory Board in January 1993 to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY97, FY03, and FY08.

To date, the installation signed Records of Decision (RODs), interim RODs, and decision documents, which selected cleanup actions for 85 sites; 66 sites have closed. In FY05, Massachusetts MR conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Massachusetts MR completed construction of the the first wind turbine and connected it to the grid. The installation evaluated potential for additional wind turbines, conducted an environmental assessment, and awarded a construction contract for two additional wind turbines. Massachusetts MR completed private well verifications for the LF 1 and CS Site 23 contaminated areas. The installation established a collaborative and repeatable approach for system optimizations with regulatory agencies, and operated an effective groundwater remediation program which protects human health and the environment. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

#### **Plan of Action**

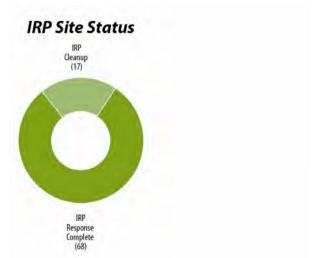
Plan of action items for Massachusetts Military Reservation are grouped below according to program category.

#### **IRP**

- Complete private well verification program for contaminated areas at CS Sites 4, 20, and 21, and FS Sites 28 and 29 in FY11.
- Continue to efficiently operate and optimize groundwater treatment systems in FY11-FY12.
- Complete private well verification program for Ashumet Valley and CS Site 10 contaminated areas in FY11-FY12.
- Construct and begin operations for two new wind turbines in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force

Mather Air Force Base NPL/BRAC 1988

**FFID:** CA957002474300

Location (Size): Sacramento, California (5,718 acres)

Mission: Provided navigation and electronic warfare officer

training; housed SAC Bombing and Refueling

Squadron

**HRS Score**: 28.90; placed on NPL in July 1987

IAG Status: IAG signed in 1989

Contaminants: VOCs, SVOCs, metals, solvents, jet fuel,

petroleum hydrocarbons, lead, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 214.8 million

Est. CTC (Comp Year): \$ 47.1 million (FY2067)

IRP Sites (Final RIP/RC): 89 (FY2006)
MMRP Sites (Final RIP/RC): 5 (FY2011)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-32

#### Introduction

Before becoming inactive in FY93, Mather Air Force Base (AFB) housed the 323rd Flying Training Wing, a Strategic Air Command Wing, a Reserve air refueling group, and an Army National Guard aviation unit. Site types include landfills (LFs), underground storage tanks, fire training areas, a trichloroethylene (TCE) disposal site, a weapons storage area. wash rack areas, spill areas, and waste pits. The potential risk to human health and the environment was significant enough for EPA to place Mather AFB on the NPL in July 1987. In 1989, DoD and EPA signed an interagency agreement (IAG) to outline how they were going to proceed with cleanup. The BRAC Commission recommended closure of Mather AFB in December 1988. In FY94, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community. In the same year, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at Mather AFB. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY05.

Mather AFB grouped sites into six operable units (OUs): OU 1, Aircraft Control and Warning Site; OU 2, Groundwater; OU 3, Soil; OU 4, LF; OU 5, Basewide; and OU 6, Supplemental Basewide. Mather AFB has signed Records of Decision selecting cleanup actions for OUs 1 through 6. In FY04, Mather AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Mather AFB solicited and awarded a performance-based contract, and completed the third five-year review report with EPA concurrence. The installation also achieved operating properly and successfully concurrence for LF 004. Mather AFB received regulatory review comments on demonstrations that the three Groundwater OU remedies are at operating properly and successfully. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

Mather AFB completed the site inspection and closure documentation for sites XU 400 and 403. The installation also opened a new site, XE 404, to the former installation restoration prgram (IRP) site outside training area 069.

#### **Plan of Action**

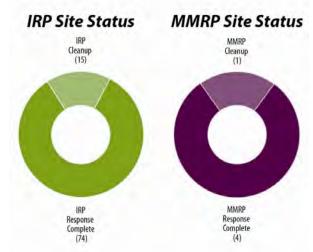
Plan of action items for Mather Air Force Base are grouped below according to program category.

#### IRP

- Complete operating properly and successfully reports for three groundwater OU remedies in FY11
- Complete three closure reports for fire training (FT) sites 10C/6, LF 18, and ST 20 in FY11.
- Install two monitoring wells to satisfy data gaps identified during regulatory review of draft operating properly and successfully reports in FY11.
- Close AST site 10402/10403 in FY11.

#### **MMRP**

 Complete fieldwork at site XE 404 in FY11-FY12.



**FFID:** WA057182420000

**Location (Size):** Tacoma, Washington (4,616 acres)

**Mission:** Provide airlift services for troops, cargo, and

equipment

HRS Score: 31.94 (Area D/American Lake Garden Tract);

placed on NPL in September 1984; 42.24 (Washrack/Treatment Area); placed on NPL in

July 1987 and delisted from NPL in September

1996

**IAG Status:** FFA signed in August 1989; consent decree with

State of Washington signed in February 1992

Contaminants: VOCs, SVOCs, TCE, radioactive waste, metals

Media Affected: Groundwater and Soil

Funding to Date: \$ 28.9 million

Est. CTC (Comp Year): \$ 2.4 million (FY2044)

IRP Sites (Final RIP/RC): 65 (FY2004)
MMRP Sites (Final RIP/RC): 8 (FY2015)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-55

#### Introduction

McChord Air Force Base (AFB) provides airlift services for troops, cargo, equipment, and mail. Sites at the installation include fire training areas, spill sites (SSs), landfills, and waste pits. The potential risk to human health and the environment was significant enough for EPA to place two sites on the NPL: the Area D/American Lake Garden Tract in September 1984. and the Washrack Treatment Area in July 1987. Air Force and EPA signed a federal facility agreement (FFA) in August 1989 to outline how they were going to proceed with cleanup. In 1992, Air Mobility Command signed a consent decree with the State of Washington. The consent decree was created for non-NPL sites. EPA delisted the Washrack Treatment Area from the NPL in September 1996. In 2005, the BRAC Commission recommended McChord AFB for realignment. To ensure continuous monitoring and improvement, the installation completed five-year review reports for the Washrack Treatment Area in FY99 and FY04, and for Area D/American Lake Garden Tract in FY00, FY05, and FY10.

The installation evaluated 64 sites and installed several cleanup systems. Three sites are currently listed on the State's hazardous sites list and are managed through long-term monitoring and natural cleanup processes. To date, the installation has treated 600 million gallons of groundwater and recovered 52 pounds of trichloroethylene (TCE) at Area D/American Lake Garden Tract. The installation signed Records of Decision for the Washrack Treatment Area and Area D/American Lake Garden Tract, which selected cleanup actions for these sites. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

McChord AFB revised long-term monitoring plans and monitored SS 34N optimization progress. McChord AFB completed the five-year review report for Area D/American Lake Garden Tract. The installation continued pump-and-treat operations and began the bioenhancement pilot study at Area D/American Lake Garden Tract. The State of Washington delisted three of six McChord AFB hazardous sites.

# **FY10 MMRP Progress**

McChord AFB finished lead cleanup at two ranges, cleared munitions from three sites, and drafted cleanup action reports. No known actionable MMRP sites remain at McChord AFB.

#### **Plan of Action**

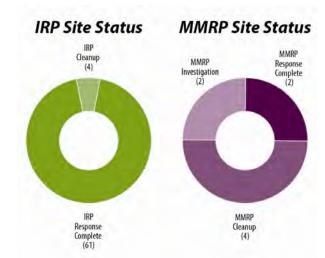
Plan of action items for McChord Air Force Base are grouped below according to program category.

#### **IRP**

- Transfer environmental restoration responsibilities to U.S. Army, Joint Base Lewis-McChord (JBLM) in FY11.
- Continue monitoring optimization, planning, and treating of groundwater at SS 34N in FY11.
- Integrate optimized long-term monitoring program into JBLM monitoring program in FY11-FY12.
- Continue operations and maintenance at Area D/American Lake Garden Tract, apply recommendations from the bioenhancement study to the groundwater treatment in FY11-FY12.

#### **MMRP**

Complete final MMRP cleanup action report in FY11.



McClellan Air Force Base

NPL/BRAC 1995

**FFID:** CA957172433700

**Location (Size):** Sacramento, California (3,452 acres)

**Mission:** Provided logistics support for aircraft, missile.

space, and electronics programs

**HRS Score:** 57.93; placed on NPL in July 1987

IAG Status: FFA signed in May 1990

**Contaminants:** Metals, cleaners and degreasers, paints,

lubricants, photochemicals, phenols, SVOCs,

solvents, PCBs, VOCs, radioactive material, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 642.5 million

Est. CTC (Comp Year): \$ 577.0 million (FY2066)

IRP Sites (Final RIP/RC): 324 (FY2017)
MMRP Sites (Final RIP/RC): 2 (FY2011)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-32

#### Introduction

The mission of the former McClellan Air Force Base (AFB) was to provide support for aircraft, missile, space, and electronics programs. Environmental contamination at McClellan AFB has resulted from sumps associated with industrial operations, landfills (LFs), leaks from industrial waste lines, surface spills, and underground storage tanks. The contaminated areas total over 660 acres and consist primarily of trichloroethylene (TCE)-contaminated groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in May 1990 to outline how they were going to proceed with cleanup. In 1995, the BRAC Commission recommended the closure of McClellan AFB. The installation has formed a BRAC cleanup team to develop a process for cleanup of sites. In FY93, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board. To ensure continuous monitoring and improvement, McClellan AFB completed two five-year review reports in FY04.

Sites at the installation are grouped into 11 Operable Units (OUs), including an OU for groundwater at the base. McClellan AFB has signed six Records of Decision (RODs), which selected cleanup actions at four OUs. The installation has transferred 530 acres, and found another 600 suitable for transfer in FY09. In FY04, McClellan AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

McClellan AFB continued the remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives at focused strategic sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory and technical issues delayed the ROD for the follow-on strategic sites. Regulatory issues also delayed the proposed plan (PP) and RODs for Building 252, small volume sites, and ecological sites.

# **FY10 MMRP Progress**

McClellan AFB closed the LF site formerly suspected of containing discarded military munitions contamination. The installation also completed the PP and draft ROD for the former Skeet Range.

#### **Plan of Action**

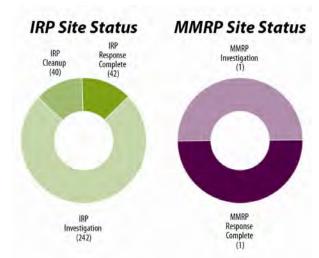
Plan of action items for McClellan Air Force Base are grouped below according to program category.

#### IRP

- Complete the RI/FS, ROD and design for cleanup at the follow-on strategic sites in FY11.
- Complete the PP and ROD for Building 252 in FY11.
- Resolve dispute and complete the PP and ROD for the small volume sites in FY11-FY12.
- Complete the ROD and prepare cleanup work plans for the ecological sites in FY12.
- Implement remedies for focused strategic sites beginning in FY12.

#### **MMRP**

 Complete the cleanup action at the former Skeet Range by in FY11-FY12.



# **Mechanicsburg Naval Inventory Control Point** Formerly Mechanicsburg Ships' Parts Control Center

**FFID:** PA317002210400

Location (Size): Mechanicsburg, Pennsylvania (824 acres)

**Mission:** Provide inventory management and supply

support for weapons systems

**HRS Score:** 50.00; placed on NPL in May 1994

IAG Status: FFA signed in November 2004

**Contaminants:** PCBs, heavy metals, pesticides, VOCs, SVOCs,

lioxin

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 40.7 million

Est. CTC (Comp Year): \$ 2.0 million (FY2025)

IRP Sites (Final RIP/RC): 15 (FY2011)
MMRP Sites (Final RIP/RC): 1 (FY2001)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-45

#### Introduction

Mechanicsburg Naval Inventory Control Point, currently Naval Support Activity (NSA) Mechanicsburg, provides inventory management and supply support for weapons systems. Historical defense industrial and inventory disposal operations have caused contamination at this installation. The potential risk to human health and the environment was significant enough for EPA to place NSA Mechanicsburg on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in 2004 to outline how they were going to proceed with cleanup. Formed in FY88, a technical review committee responsible for communicating cleanup progress with the community converted to a Restoration Advisory Board in FY95. The installation created an electronic administrative record and completed a community relations plan in FY99. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY04 and FY09.

Environmental investigations conducted at NSA Mechanicsburg identified 15 Installation Restoration Program (IRP) sites. To date, the installation completed Records of Decision (RODs), which selected cleanup actions, for Sites 1, 3 (soil and groundwater), and 9. Another ROD determined that no further cleanup activities were necessary at Site 11. In addition, the installation completed Decision Documents determining no further action for Sites 2, 4, 7, 8 (groundwater), 11 through 15, and 49 lower priority areas of concern (AOCs). In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

NSA Mechanicsburg continued annual groundwater sampling at Site 3. The installation signed the final ROD and awarded a cleanup contract for Site 9. NSA Mechanicsburg also awarded a contract for soil removal and site cleanup at Site 8. NSA Mechanicsburg completed Phase I cleanup for Site 9 (segment 1), and completed the design for cleanup at Site 8.

# **FY10 MMRP Progress**

NSA Mechanicsburg has identified no MMRP sites.

#### **Plan of Action**

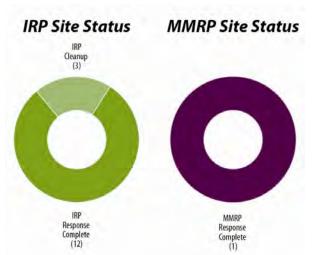
Plan of action items for Mechanicsburg Naval Inventory Control Point are grouped below according to program category.

#### **IRP**

- Complete the annual site management plan in FY11.
- Complete construction of cleanup systems and cleanup at Site 8 in FY11.
- Determine the groundwater cleanup objectives at Site 3 in FY11-FY12.
- Continue monitoring land use controls, which restrict the use of or access to Site 8 in FY11-FY12.
- Complete Phase II cleanup at Site 9 in FY11-FY12.

#### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** TN421382058200

**Location (Size):** Milan, Tennessee (22,357 acres)

Mission: Load, assemble, pack, ship, and demilitarize

explosive ordnance

**HRS Score:** 58.15; placed on NPL in July 1987

IAG Status: IAG signed in 1989

**Contaminants:** Munitions-related wastes, SVOCs, metals,

explosives, propellants

Media Affected: Groundwater and Soil

Funding to Date: \$ 171.8 million

Est. CTC (Comp Year): \$50.0 million (FY2044)

IRP Sites (Final RIP/RC): 41 (FY2014)
MMRP Sites (Final RIP/RC): 3 (FY2011)

Five-Year Review Status: Completed and underway IRP/MMRP Status Table: Refer to page E-6-152

#### Introduction

The Milan Army Ammunition Plant (AAP) handles explosive ordnance. In FY91, Milan AAP discovered the explosive compound RDX in the City of Milan's municipal water supply wells. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in 1989 to outline how they were going to proceed with cleanup. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Milan AAP completed five-year review reports in FY01 and FY05.

To date, the installation has signed six Records of Decision (RODs), selecting cleanup actions for 15 sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Milan AAP submitted the draft five-year review report to EPA. EPA approved the installation of a pipeline to route contaminated groundwater formerly treated at Operable Unit (OU) 1 to OU 3 and to shut down OU 1. The installation completed the first year of long-term monitoring in accordance with the Long-term Monitoring Plan and the Dispute Resolution Agreement. In addition, Milan AAP continued work at OU 5 to characterize soils in support of the feasibility study (FS) to evaluate cleanup alternatives and received approval for a final FS addendum. The installation submitted a proposed plan (PP) and draft ROD for OU 5 to EPA; EPA approved the FS and the PP for OU 5. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed completion of the five-year review report and the ROD for groundwater at OUs 1 and 3.

The RAB met quarterly to discuss cleanup activities.

# **FY10 MMRP Progress**

Milan AAP completed the Final Explosives Site Plan as part of the remedial investigation (RI) and FS at the Burning Ground and Sunny Slope, as approved by the Department of Defense Explosives Safety Board and the U.S. Army Technical Center for Explosive Safety. After receiving stakeholder approval, the installation completed the RI/FS work plan and began fieldwork at sites at the Burning Ground and Sunny Slope.

Technical issues delayed completion of the RI/FS reports.

#### **Plan of Action**

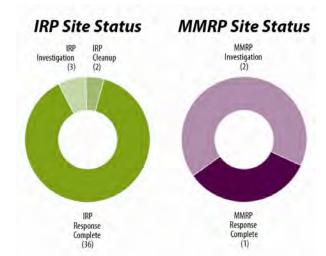
Plan of action items for Milan Army Ammunition Plant are grouped below according to program category.

#### IRP

- Complete a five-year review report in FY11.
- Continue well monitoring for all contaminated groundwater and long-term monitoring of soil at OUs 3 and 4 in FY11.
- Finalize the ROD for soil and implement cleanup actions at OU 5 in FY11.
- Submit a Final Remedial Action Completion Report for OU 4 in FY11.
- Complete the Supplemental Site Characterization Plan for site-wide groundwater in FY11-FY12.
- Complete ROD for groundwater at OUs 1 and 3 in FY11-FY12.

#### **MMRP**

- Complete RODs for sites at the Burning Ground and Sunny Slope in FY11.
- Complete RI/FS reports in FY11-FY12.



**FFID:** CA921350696A00

**Location (Size):** Concord, CA (4,324 acres)

**Mission:** Ships, receives, inspects, and classifies

munitions (Tidal Area).

HRS Score: 30.00; placed on NPL in December 1994

IAG Status: FFA signed in November 2009

Contaminants: Heavy metals, petroleum hydrocarbons, VOCs,

SVOCs, BTEX, explosives, and propellants.

Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 12.5 million

Media Affected:

Est. CTC (Comp Year): \$ 69.6 million (FY2018)

IRP Sites (Final RIP/RC): 49 (FY2013)
MMRP Sites (Final RIP/RC): 4 (FY2018)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-22

#### Introduction

Military Ocean Terminal Concord (MOTCO) ships, receives, inspects, and classifies munitions. These activities resulted in the contamination of surface water and sediment at the Tidal Area, which includes tidal and litigation area sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1994 when it was part of Naval Weapons Station Concord. DoD and EPA signed a federal facility agreement (FFA) in November 2009 to outline how they would proceed with cleanup. The BRAC Commission recommended realignment of the Tidal Area, and in 2008, the final BRAC determination transferred the Tidal Area from Naval Weapons Station Concord to the Army. Under Naval Weapons Station Concord, the installation received funding for technical assistance for public participation and updated the community relations plan in FY03. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY03 and FY10.

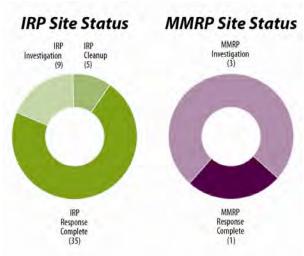
To date, the installation determined no further cleanup action was necessary for Site 28. In 2009, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); four MMRP sites were identified.

# **FY10 IRP Progress**

MOTCO prepared a work plan for a geotechnical survey of the Site 1 Landfill (LF) to complete the LF cap. In addition, the installation prepared a remedial investigation (RI) work plan addendum to install three new monitoring wells and collect groundwater data at Site 1. MOTCO continued long-term management (LTM) and completed the five-year review report for Litigation Area Sites 3 through 6, 25, 26, and 28. The installation continued work on the cleanup closure documentation for Site 30. The cost of completing environmental restoration has changed significantly due to technical issues.

# **FY10 MMRP Progress**

MOTCO conducted a site inspection (SI) and submitted a draft historical records review report to stakeholders. The installation recommended an RI and feasibility study (FS) to evaluate cleanup alternatives at the four sites.



#### **Plan of Action**

Plan of action items for Military Ocean Terminal Concord are grouped below according to program category.

#### **IRP**

- Complete geotechnical investigation and redesign of the LF cap at Site 1 in FY11.
- Complete work plan addendum, conduct the field investigation, and initiate the RI at Site 1 in FY11.
- Continue LTM at Litigation Area Sites 3 through 6, 25, 26, and 28 in FY11.
- Finalize the closure documents for Site 30 in FY11.
- Prepare the SI and conduct SI field investigations at Sites 38, 39, and 40 in FY11.
- Develop alternative for the cleanup plan and Record of Decision (ROD) at Sites 32 and 33 in FY11.
- Finalize the proposed plan (PP), prepare the ROD, and cleanup Sites 2, 9, and 11 in FY11-FY12.
- Finalize the FS and prepare the PP and ROD for Site 31 in FY11-FY12.

#### MMRP

 Initiate the RI/FS at Sites 7, 8, and 9 in FY11-FY12.

IRP/MMRP Status Table:

Refer to page E-7-32

**FFID:** MS421382296600

**Location (Size):** Hancock County, Mississippi (4,214 acres)

Mission: Managed, developed, tested, and manufactured

the improved conventional munitions artillery

HRS Score: N/A
IAG Status: N/A

Contaminants: Metals and solvents

Media Affected: Groundwater and Soil

Funding to Date: \$ 1.1 million

Est. CTC (Comp Year): \$ 0.0 million (FY2012)

IRP Sites (Final RIP/RC): 45 (FY1990)
MMRP Sites (Final RIP/RC): 2 (FY2012)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

# Introduction

Mississippi Army Ammunition Plant (AAP), the only ammunition plant the Army built after the Korean Conflict, served the War Department in the 1940s as a bombing and gunnery range. From 1969 to 1980, Edgewood Arsenal conducted pyrotechnic testing at the Mississippi AAP Kellar Test Range. In 1978, the Army obtained an irrevocable 50-year permit and leased 7,148 acres from NASA to expand construction and operations of Mississippi AAP on the John C. Stennis Space Center. In 1980, the U.S. Army Munitions Production Base Modernization Agency moved the range activities to a more remote location to allow Edgewood Arsenal to continue its operations. In 1990, DoD placed Mississippi AAP on inactive status, and the equipment and facilities were placed in layaway. Ammunition production ceased in FY92, and DoD made the plant available to the private sector to provide or produce commercial services and products through facility-use contracts. In 2005, the BRAC Commission recommended closure of Mississippi AAP.

To date, Mississippi AAP has completed 4 amendments to the 50-year permit with NASA, returning 2,934 acres to NASA. In FY03, the installation completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified.

# **FY10 IRP Progress**

Mississippi AAP completed work plans for the remedial investigation (RI) / feasibility study (FS) to evaluate cleanup alternatives at Site 014.

# **FY10 MMRP Progress**

Mississippi AAP completed the RI at the Spin Launch Test Site.

# **Plan of Action**

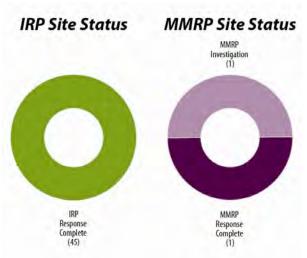
Plan of action items for Mississippi Army Ammunition Plant are grouped below according to program category.

# **IRP**

- Complete RI/FS and conduct vapor intrusion and groundwater monitoring studies in FY11-FY12.
- Complete Record of Decision to select cleanup actions in FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Army F-119

Moffett Field Naval Air Station NPL/BRAC 1991

**FFID:** CA917002323800

**Location (Size):** Sunnyvale, California (3,097 acres)

Mission: Served as host to 7th Infantry Division (Light);

supports the Defense Language Institute Foreign Language Center, currently at the Presidio of

Monterey, California

**HRS Score**: 42.24; placed on NPL in February 1987

IAG Status: FFA signed in September 1990

Contaminants: Pesticides, SVOCs, explosives, propellants,

VOCs, petroleum hydrocarbons, heavy metals,

solvents

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 185.9 million

Est. CTC (Comp Year): \$ 61.4 million (FY2042)

IRP Sites (Final RIP/RC): 35 (FY2021)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-27

### Introduction

Moffett Field Naval Air Station (NAS) was headquarters of the Commander, Patrol Wings U.S. Pacific Fleet. At that time, Moffett Field NAS was the largest P-3 base in the world and was responsible for submarine patrol operations across the Pacific. Sites at the installation include landfills, underground storage tanks, a burn pit, ditches, holding ponds, wetland sediments, French drains, maintenance areas, and fuel spill sites. Contaminants include polychlorinated biphenyls (PCBs), petroleum products, DDT, chlorinated solvents, and heavy metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in FY90, amended in FY94 and FY01, which outlined how they were going to proceed with cleanup. In July 1991, the BRAC Commission recommended closure of the installation. The installation closed on July 1, 1994 and transferred to NASA. The Naval Air Manor property transferred to a neighboring city. The associated Moffett Community Housing was transferred to the Army. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. The BRAC cleanup team completed a BRAC cleanup plan to prioritize sites requiring environmental restoration, which was updated in FY97. The installation completed a community relations plan and established an information repository in FY89: the community relations plan was updated in FY02. The installation formed a technical review committee, which was responsible for communicating cleanup progress with the community, and converted it to a Restoration Advisory Board in FY95. To ensure continuous monitoring and improvement, the installation completed a five-year review report for two groundwater sites in FY03, another report for Site 1 in FY07, and a report for the base in FY10.

The installation divided sites into seven operable units (OUs). To date, the installation has completed Records of Decision (RODs), which determined that no further cleanup activities were necessary at environmental restoration sites. The installation has also completed RODs selecting cleanup actions for OU 1 and Sites 22 and 26 through 28. The installation has closed 35 petroleum sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Moffett Field NAS completed the design for the removal action at Site 29 (Hangar 1) and began the design for cleanup at Site 25. The installation also completed the five-year review report for the base. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed closeout concurrence at Site 27.

# **FY10 MMRP Progress**

Moffett Field NAS has identified no MMRP sites.

# Plan of Action

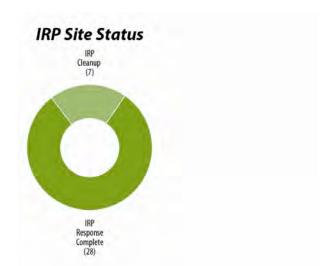
Plan of action items for Moffett Field Naval Air Station are grouped below according to program category.

### **IRP**

- Obtain closeout concurrence at Site 27 in FY11.
- Complete design for cleanup at Site 25 in FY11-FY12.
- Complete an optimization study to identify opportunities for streamlining cleanup at Sites 26 and 28 in FY11-FY12.
- Continue with removal action at Site 29 (Hangar 1) in FY11-FY12.
- Begin feasibility study to evaluate cleanup alternatives for the ROD at Site 26 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** WA09799F331700

**Location (Size):** Moses Lake, Washington (9,607 acres)

Mission: Served as tactical air command, air transport,

and strategic air command base; provided pilot

training

**HRS Score:** 50.00; placed on NPL in October 1992

IAG Status: IAG signed in March 1999

Contaminants: VOCs (specifically TCE)

Media Affected: Groundwater
Funding to Date: \$ 19.6 million

Est. CTC (Comp Year): \$ 0.4 million (FY2013)

IRP Sites (Final RIP/RC): 3 (FY2013)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table: Refer to page E-7-55

### Introduction

Larson Air Force Base (AFB) first served as a Tactical Air Command base, then as a military air transport facility, and later as a Strategic Air Command base. DoD sold the Port of Moses Lake property in 1966; the property is now operated by the Grant County Airport. The former Larson AFB property primarily served as a regional aviation, industrial, and educational facility. The U.S. Army Corps of Engineers (USACE) conducted environmental assessments, which began in FY87, and identified 4 sites that required further investigation: 11 underground storage tanks and the associated potentially contaminated soil, groundwater contaminated with trichloroethylene (TCE), an area potentially containing low-level radioactive waste, and 2 disposal areas potentially containing tetraethyl lead. The potential risk to human health and the environment was significant enough for EPA to place the property (Moses Lake) on the NPL in October 1992. DoD and EPA signed an interagency agreement (IAG) in March 1999 to outline how they were going to proceed with cleanup. In 1999, USACE established a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. The RAB dissolved in September 2003.

# **FY10 IRP Progress**

Larson AFB coordinated with EPA and the Department of Justice regarding settlement actions, and continued sampling and long-term management (LTM) of residential wells and whole house filters in FY10.

# **FY10 MMRP Progress**

USACE has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

# **Plan of Action**

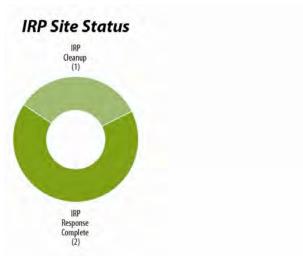
Plan of action items for Moses Lake Wellfield Contamination Site are grouped below according to program category.

# **IRP**

- Continue coordination with EPA and the Department of Justice to complete settlement actions in FY11.
- Continue sampling and LTM of residential wells and whole house filters in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



FUDS F-121

**FFID:** ID057212455700

**Location (Size):** Mountain Home, Idaho (6,000 acres)

**Mission:** Provide composite combat air power worldwide

**HRS Score:** NA; placed on NPL in August 1990 **IAG Status:** FFA signed in January 1992

**Contaminants:** VOCs, POLs, heavy metals

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$ 19.7 million

Est. CTC (Comp Year): \$ 3.2 million (FY2011)

IRP Sites (Final RIP/RC): 38 (FY2011)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-7-22

### Introduction

The mission of Mountain Home Air Force Base (AFB) is to provide composite combat air power worldwide. Sites identified at the installation include landfills (LFs), fire training (FT) areas, a fuel hydrant system spill area, disposal pits, surface runoff areas, wash racks, ditches, underground storage tanks, petroleum/oil/lubricant (POL) lines, and a low-level radioactive material disposal site. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1992 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Mountain Home AFB for realignment. In FY94, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB). In FY00, the installation updated the community relations plan. To ensure continuous monitoring and improvement, Mountain Home AFB completed five-year review reports in FY01 and FY06.

To improve and accelerate site characterization, the installation grouped sites into operable units (OUs). The installation has signed one Record of Decision (ROD), which selected cleanup actions for OUs 1, 3, 5, and 6; the lagoon LF; and FT Area 8. The installation also signed RODs determining that no further cleanup actions were necessary at OUs 2 and 4. In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

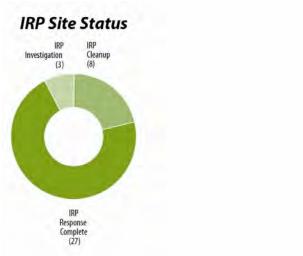
# **FY10 IRP Progress**

Mountain Home AFB completed field activities and pilot tests, and submitted a draft final report of vapor cleanup and monitoring for Storm Drain (SD)-24. The installation completed the ROD Amendment for groundwater at OU-3. Mountain Home AFB also completed construction of a soil vapor extraction system at ERP Site Storage Tank (ST)-11 (Fuel System Hydrant Line Leak). In addition, the installation completed sampling and determined a removal action at LF-23 (Coal Ash Landfill) was not necessary, and that land use controls, to restict access to and use of the site, would adequately protect human health.

The installation held a RAB meeting to discuss cleanup at ST-11.

# **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.



# **Plan of Action**

Plan of action items for Mountain Home Air Force Base are grouped below according to program category.

### **IRP**

- Obtain signature and finalize the ROD Amendment for OU-3 in FY11.
- Prepare explanation of significant differences document with the ROD in FY11.
- Operate the soil vapor extraction system at ST-11 and FT-08 in FY11.
- Obtain regulatory concurrence on and complete vapor cleanup at SD-24 in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID**: SC457002482100

**Location (Size):** Myrtle Beach, South Carolina (3,937 acres)

**Mission:** Served as host to a tactical fighter wing

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Paints, POLs, thinners, waste oils, SVOCs,

explosives, propellants, spent solvents, fuels,

VOCs, metals, asbestos

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 68.9 million

Est. CTC (Comp Year): \$ 2.1 million (FY2034)

IRP Sites (Final RIP/RC): 192 (FY2011)

MMRP Sites (Final RIP/RC): 1 (FY2003)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-7-47

# Introduction

Myrtle Beach Air Force Base (AFB) formerly housed a tactical fighter wing. Sites identified at the installation include landfills. weathering pits, fire training areas, drainage ditches, hazardous waste storage areas, maintenance areas, underground storage tanks, explosive ordnance areas, fuel storage areas, a small arms firing range, and a lead-contaminated skeet range. Contaminants include petroleum/oil/lubricants (POLs), heavy metals, and volatile organic compounds (VOCs). The 1991 BRAC Commission recommended closure of Myrtle Beach AFB and the installation closed in 1993. In FY93, a joint management team assumed the role of the BRAC cleanup team to develop a process for cleanup of sites at Myrtle Beach AFB. In FY96 and FY04, the BRAC cleanup team updated the BRAC cleanup plan, which incorporates community input to prioritize sites requiring environmental restoration. In FY94, the installation formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community; the RAB adjourned in FY10.

To date, Myrtle Beach AFB has transferred all property. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified. In FY08, Myrtle Beach AFB completed closure documentation for its only MMRP site, the former explosive ordnance disposal.

# **FY10 IRP Progress**

Myrtle AFB completed one decision document (DD), which selected cleanup actions at FT016, and one operating properly and successfully document. The installation also completed one interim cleanup measure, resulting in regulatory approval of the operating properly and successfully operating properly and successfully determination. Cleanup optimization was implemented at two sites in FY10 including enhanced bioremediation using site specific amendments. In addition, the installation transferred the final three acres of property.

Administrative issues delayed one DD.

The installation formally adjourned the RAB.

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.

# **Plan of Action**

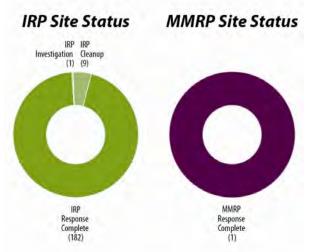
Plan of action items for Myrtle Beach Air Force Base are grouped below according to program category.

# IRP

- · Complete one DD in FY11.
- Complete follow-on injections for chemical oxidation and enhanced bioremediation to satisfy cleanup optimization findings at two sites in FY11.
- Finalize land use controls, which restrict the use of or access to sites, and management plans for two sites in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-123

**FFID:** GU917309951900

Location (Size): Yigo, Guam (15,000 acres)

**Mission:** Provide troops, equipment, and facilities in the

Pacific

**HRS Score**: 50.00; placed on NPL in October 1992

IAG Status: FFA signed in March 1993

**Contaminants:** Metals, pesticides, PAHs, PCBs, VOCs, SVOCs,

radioactive materials, phenols, BTEX

Media Affected: Groundwater and Soil

Funding to Date: \$ 129.7 million

Est. CTC (Comp Year): \$88.8 million (FY2024)

IRP Sites (Final RIP/RC): 90 (FY2015)
MMRP Sites (Final RIP/RC): 16 (FY2020)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-63

# Introduction

The mission of Andersen Air Force Base (AFB) is to provide troops, equipment, and facilities in the Pacific. Preliminary assessments have identified landfills (LFs), waste pits (WPs), fire training areas (FTAs), hazardous waste storage areas (HWSAs), and spill sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1992. DoD and EPA signed a federal facility agreement (FFA) in March 1993 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Andersen AFB for realignment. In 1995, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. To ensure continuous monitoring and improvement, Andersen AFB completed a five-year review report in FY04.

Sites identified at Andersen AFB are grouped into six operable units (OUs). To date, the installation has signed Records of Decision (RODs) for the Marianas Bonins OU, the Urunao OU, and LFs 8 and 13; the RODs selected cleanup actions for these sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

NSA Andersen Guam began remedial investigation (RI) and feasibility study to evaluate cleanup alternatives for Area of Concern 81, FTA 3, Building 18006, and LF 19. The installation also conducted long-term management at LF 2, 8, 10, and 17; WPs 1 and 7; and FTA 2. NSA Andersen Guam completed cleanup completion reports for Urunao Dump Sites 1 and 2 and conducted groundwater sampling rounds 28 and 29. The installation also completed the second five-year review report for Marianas Bonins OU and transferred environmental restoration responsibilities to Navy Base Guam.

Administrative issues delayed the ROD for LFs 14 and 18; WP3: FTA 2; HWSA 1; Building 18006; and operation support buildings Sites 1, 2, and 3.

# **FY10 MMRP Progress**

Regulatory issues delayed the start of the site inspection (SI) field work.

# **Plan of Action**

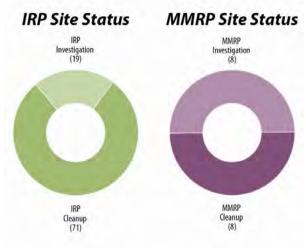
Plan of action items for NSA Andersen Guam are grouped below according to program category.

### **IRP**

- Begin removal actions Site 41, 42, 43; Sites 47, 51, and 53; Site 50 in FY11-FY12.
- Begin remedial design for LF 14 in FY11-FY12.
- Conduct long-term management at LF 2, 8, 10 and 17; WPs 1 and 7 in FY11-YF12.
- Continue groundwater monitoring at LF 8 and 20 in FY11-FY12.
- Finalize ROD for LFs 14 and 18; WP3; FTA 2; HWSA 1; Building 18006; and operations support buildings Site 1, 2, and 3 in FY11-FY12.

# **MMRP**

- · Finalize SI report in FY11-FY12.
- Begin RI for UXO site 00004A in FY11-FY12.



**FFID:** PR217004000300, PR217002758200

**Location (Size):** Ceiba, Puerto Rico (8,432 acres)

**Mission:** Provided training and support to Atlantic Fleet

operations in the Caribbean

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Petroleum hydrocarbons, VOCs, SVOCs, PCBs,

netals

Media Affected: Surface Water, Groundwater, Sediment, Soil

Funding to Date: \$ 65.2 million

Est. CTC (Comp Year): \$58.1 million (FY2041)

IRP Sites (Final RIP/RC): 121 (FY2017)
MMRP Sites (Final RIP/RC): 3 (FY2017)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-140 and E-7-45

# Introduction

Naval Station (NS) Roosevelt Roads began operations in 1943 as a Naval Operations Base to provide training and support to Atlantic Fleet operations in the Caribbean. Since the early 1960s, NS Roosevelt Roads' major mission had been to support the Atlantic Fleet Weapons Training Facility's training missions on Viegues Island, located approximately 7.5 miles east of NS Roosevelt Roads. The Naval Training Range on Viegues transferred to the Department of the Interior in May 2003, and all of the training activities have since ceased. In response to this action, NS Roosevelt Roads closed in March 2004. The real estate disposal/transfer was carried out in accordance with procedures outlined in BRAC 1990. In FY04. the Navy established Naval Activity (NA) Puerto Rico to serve as the caretaker of the real property associated with the former NS Roosevelt Roads and to assist in the transfer of the property. The installation established a Restoration Advisory Board in FY07 to communicate cleanup progress with the community.

To date, NA Puerto Rico has transferred 4,856 acres: 4,634 acres transferred to the Commonwealth of Puerto Rico, 28 acres to the Episcopal Services Hospital, 141 acres to the Town of Ceiba, and 53 acres to the Army. The installation conducted an inventory of sites suspected to contain munitions contamination under the Military Munitions Response Program (MMRP): one MMRP site was identified.

# **FY10 IRP Progress**

NA Puerto Rico began investigations at Solid Waste Management Units (SWMUs) 27 through 29, 61, 62, 70, 71, 73, 78 through 80, and Area of Concern (AOC) E. In addition, the installation completed Phase I investigative fieldwork for SWMU 57. The installation also completed an investigation for SWMUs 7 and 8, and a report requesting no further action at SWMUs 13, 46, 53, and AOC C.

Technical issues delayed completion of the interim corrective measures at SWMU 1 and 2, and the start of cleanup at SWMU 69. Regulatory issues delayed completion of corrective measures at SWMU 68, and the start of cleanup at SWMUs 14 and 56.

# **FY10 MMRP Progress**

NA Puerto Rico completed Phase I investigative fieldwork at Piñeros Island and Unexploded Ordnance (UXO) 1.

# IRP Site Status IRP Response Complete (28) IRP (1) IRP Cleanup (1) IRP Cleanup (69) IRP Investigation (2)

### **Plan of Action**

Plan of action items for Naval Activity Puerto Rico are grouped below according to program category.

# IRP

- Complete interim corrective measures at SWMUs 1, 2, and 68 in FY11.
- Begin cleanup at SWMU 14, 56, 68, and 69 in FY11.
- Complete corrective measure at SWMUs 45 and 68 in FY11.
- Close SWMUs 27, 28, and 29 in FY12.

### **MMRP**

- Conduct full investigation at UXO 1 in FY11.
- Conduct Phase I investigation at underwater areas of Piñeros Island and UXO 2 in FY11.

NPL/BRAC 2005 Closure

**FFID:** ME117002201800

**Location (Size):** Brunswick, Maine (7,259 acres)

**Mission:** Provides facilities, services, materials, and

aircraft for submarine warfare

**HRS Score:** 43.38; placed on NPL in July 1987

**IAG Status:** FFA signed in 1989; revised in 1990

Contaminants: DDT, PCBs, PAHs, VOCs, SVOCs, metals

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 91.9 million

Est. CTC (Comp Year): \$45.4 million (FY2041)

IRP Sites (Final RIP/RC): 25 (FY2011)
MMRP Sites (Final RIP/RC): 3 (FY2017)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-6-88

### Introduction

Naval Air Station (NAS) Brunswick supports activities for submarine warfare. Activities that contributed to contamination include intermediate aircraft maintenance, material support for maintenance, aircraft fueling services, storage and disposal of ordnance, and all-weather air station operations. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in 1989, revised in 1990 to include the State of Maine, to outline how they were going to proceed with cleanup. The installation established an administrative record and information repository in FY87; the administrative record was updated in FY07 and FY09. The community relations plan was completed in FY88. and updated in FY08. A technical review committee was formed in FY88, responsible for communicating cleanup progress with the community, and converted to a Restoration Advisory Board in FY95. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01. FY05, and FY10.

To date, the installation has completed a Record of Decision (ROD), which selected cleanup actions for the eastern groundwater contaminated area, three underground storage tanks, and a waste pit. The installation also has signed a ROD for Sites 2, 4, 7, 9, 11, 13, and the eastern groundwater contaminated area treatment plants. The installation also completed documentation that declared no further cleanup action was necessary for Sites 14 through 16, and 18. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

# **FY10 IRP Progress**

NAS Brunswick completed a five-year review report, fieldwork on a background study work plan, and replaced two extraction wells. The installation completed a remedial investigation (RI) report and began operating the 1,4-dioxane treatment system at the eastern contaminated area. In addition, the installation began cleanup of petroleum and completed soil cleanup at the Naval Exchange. NAS Brunswick also completed background fieldwork sampling and removed and disposed of at least 100 tons of lead-contaminated soils. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

NAS Brunswick completed the removal action memorandum, and munitions surface removal at Site 12B.

# IRP Cleanup (10) IRP Cleanup (10) IRP Response Complete (15) MMRP Site Status MMRP Cleanup (1) MMRP Cleanup (1) MMRP Investigation (2)

### **Plan of Action**

Plan of action items for Naval Air Station Brunswick are grouped below according to program category.

### **IRP**

- Complete removal action of pesticide-contaminated soils, RI and feasibility study, proposed cleanup plan, and ROD for Site 17 in FY11.
- Monitored natural attenuation of petroleum in groundwater at Naval Exchange in FY11-FY12.
- Complete historical radiological assessment in FY11-FY12.
- Complete the explanation of significant differences with the ROD for Sites 1/3, 2, 7, 9, and 11/Eastern Plume in FY11-FY12.

### **MMRP**

- Complete cleanup at the Topsham Skeet Range in FY11-FY12.
- Complete RI at Site 12B in FY11-FY12.
- Accomplish groundwater assessment at Unexploded Ordnance site 1 in FY11-FY12.

**FFID:** CA917002757500

**Location (Size):** Crows Landing, California (1,527 acres)

Mission: Served as auxiliary airfield for Moffett Field operations; used for practice operations by other

Components during the 1970s and 1980s and as

a research and development site by NASA

HRS Score: N/

IAG Status: N/A

**Contaminants:** Petroleum products, solvents, refuse, ordnance,

incinerator wastes, VOCs, SVOCs, metals

Media Affected: Soil and Groundwater

Funding to Date: \$ 30.3 million

Est. CTC (Comp Year): \$ 7.0 million (FY2021)

IRP Sites (Final RIP/RC): 9 (FY2013)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-7-7

### Introduction

The Naval Auxiliary Landing Field (NALF) Crows Landing was commissioned in May 1943, and served primarily as an auxiliary airfield for Moffett Field operations. In July 1991, the BRAC Commission recommended closure of NALF Crows Landing. In FY94, the installation closed and transferred to NASA. Congress authorized NASA to transfer the facility to Stanislaus County in FY99. In FY94, the installation formed a BRAC cleanup team to develop a process for the cleanup of sites. The team completed a BRAC cleanup plan with community input, which was updated in FY97, to prioritize sites requiring environmental cleanup. The installation established an information repository in FY89. In addition, the installation developed an environmental business plan and a community relations plan, both of which were updated in FY01. The installation updated the community relations plan again in FY02.

To date, NALF Crows Landing has transferred approximately 85 percent of the original acreage to the county. Regulatory oversight agencies have concurred on no further cleanup action for eight Installation Restoration Program (IRP) sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

NALF Crows Landing completed a bioremediation pilot study and drafted a feasibility study (FS) to evaluate cleanup alternatives for Site 17. In addition, the installation continued groundwater monitoring at Site 17 and the adjacent off-site area.

# **FY10 MMRP Progress**

NALF Crows Landing has identified no MMRP sites.

# **Plan of Action**

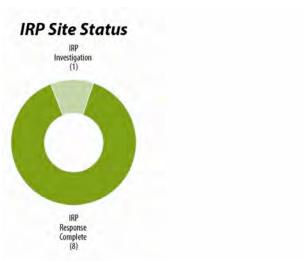
Plan of action items for Naval Auxiliary Landing Field Crows Landing are grouped below according to program category.

# **IRP**

 Complete FS, proposed plan, and draft Record of Decision, which will select cleanup actions for Site 17 in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** HI917002438800

**Location (Size):** Wahiawa and Lualualei, Hawaii (2,400 acres)

Mission: Operate and maintain communications facilities

and equipment for naval shore installations and

fleet units in the eastern Pacific

HRS Score: 50.00; placed on NPL in May 1994

IAG Status: FFA signed March 2009

**Contaminants:** PCBs, metals, petroleum hydrocarbons, VOCs,

SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 31.0 million

Est. CTC (Comp Year): \$ 22.2 million (FY2017)

IRP Sites (Final RIP/RC): 30 (FY2016)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-6-69

### Introduction

The Naval Computer and Telecommunications Area Master Station (NCTAMS), Pacific operates and maintains two communications facilities on the island of Oahu, but conducts industrial operations primarily at the main station and receiver site in Wahiawa and the Naval Radio Transmitting Facility in Lualualei. The restoration program has focused on the Wahiawa and Lualualei facilities, where operation and maintenance of electrical transformers and switches have been the primary sources of contamination. Primary contaminants include metals and petroleum hydrocarbons. The potential risk to human health and the environment from detected polychlorinated biphenyl (PCB)-contaminated soil in work and residential areas was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in FY09 to outline how they were going to proceed with cleanup. Since the installation consisted of two primary facilities, it established two Restoration Advisory Boards to discuss cleanup progress with the community. The installation completed the final community relations plan in FY95.

To date, the installation has signed 4 Records of Decision (RODs) which selected cleanup actions for Sites 1, 2, 15, 19, and 22. The installation determined that no further cleanup action was necessary for Site 14 and underground storage tank Sites 6 and 22. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

NCTAMS, Pacific completed the remedial investigation (RI) work plans for Sites 4, 10, and 18, and completed the site inspection work plan for Site 3. The installation completed RODs for Sites 1 and 2.

Administrative issues delayed completion of the RI and feasibility study (FS) to evaluate cleanup alternatives for Sites 6 and 24; an FS is no longer expected for these sites.

Administrative issues also delayed RODs for Sites 5, 6, and 24.

# **FY10 MMRP Progress**

NCTAMS, Pacific has identified no MMRP sites

# **Plan of Action**

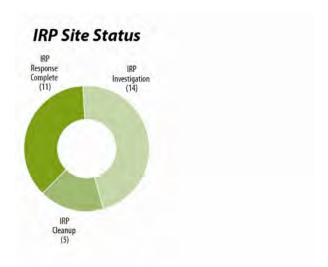
Plan of action items for Naval Computer and Telecommunications Area Master Station, Pacific are grouped below according to program category.

### **IRP**

- · Complete ROD for Sites 5, 6, and 24 in FY11.
- Complete RI report for Sites 6, 10, 11, and 24 in FY11-FY12.
- Complete RI work plan for Sites 3, 7, 11, 13, 21, and 23 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



# **Naval Facilities on Vieques**Formerly Vieques Naval Training Range and Naval Ammunition Support

**FFID:** PR217300007400, PR217003172000,

PR217006932100

**Location (Size):** Viegues, PR (22,687 acres)

Mission: Provided ground warfare and amphibious training for marines, naval gunfire support training, and

air to ground training. Provided munitions storage

for Atlantic Fleet training

HRS Score: NA; placed on NPL in February 2005

IAG Status: FAA signed in September 2007

Contaminants: Pesticides, PCBs, gasoline, explosives, land

waste oil, metals, VOCs, SVOCs, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 142.4 million

Est. CTC (Comp Year): \$ 380.6 million (FY2022)

IRP Sites (Final RIP/RC): 28 (FY2016)
MMRP Sites (Final RIP/RC): 18 (FY2022)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table: Refer to page E-6-140 and E-6-141

### Introduction

Naval Facilities on Vieques consists of the former Naval Ammunition Support Detachment (NASD) on the western half of the island and the former Vieques Naval Training Range (VNTR) on the eastern half. The installation provides training, and munitions storage for the Atlantic Fleet. Contaminated site types include underground storage tanks, open burning/open detonation areas, and munitions areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 2005. In FY07, DoD and EPA signed a federal facility agreement (FFA) to outline how they are going to proceed with cleanup. In FY04, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB).

To date, the Navy has transferred 8,114 acres of the former NASD to the Department of the Interior (DOI), the Municipality of Vieques, and the Conservation Trust of Puerto Rico. The U.S. Fish and Wildlife Service manages 4,000 of these acres as a National Wildlife Refuge, and DOI manages 14,573 acres transferred from the former VNTR as a National Wildlife Refuge and Wilderness Area. In FY08, the installation completed a Record of Decision (ROD) determining that no further cleanup actions were necessary at the former NASD Area of Concern (AOC) H. The installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Naval Facilities on Vieques completed a draft remedial investigation (RI) report for AOC R and continued the pilot study at former NASD AOCs E and I. The installation also completed site inspection (SI) reports for 26 former RCRA and potential AOC sites, and Decision Documents (DDs) requiring no further cleanup action for 11 former RCRA and AOC sites. The installation began environmental assessments at AOC J and Solid Waste Management Units (SWMUs) 6 and 7. Naval Facilities on Vieques also began an RI and feasibility study (FS) to evaluate cleanup alternatives at SWMU 1; completed additional SI fieldwork at potential AOCs Q and R; and began an ecological risk assessment for SWMU 6. The cost of

completing environmental restoration has changed significantly due to technical issues.

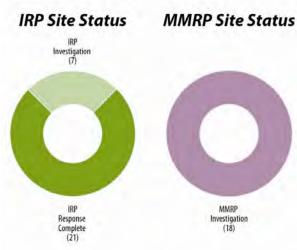
Technical issues delayed DDs for no further action at potential AOCs Q and R.

The installation also held four RAB meetings.

# **FY10 MMRP Progress**

Naval Facilities on Vieques completed the Phase II SI Report and pilot study for the Live Impact Area. The installation also continued the subsurface removal of munitions and explosives of concern in the Surface Impact Area by clearing 523 acres. In addition, Naval Facilites on Vieques completed an interim removal action at SWMU 4; prepared the RI work plan for Unexploded Ordnance (UXO) 1 and 15; completed archaeological and biological assessments; and began a DD for no further cleanup action at UXO 17.

Technical issues delayed completion of the RI/FS report for SWMU 4.



# **Plan of Action**

Plan of action items for Naval Facilities on Vieques are grouped below according to program category.

### IRP

- Complete assessments of potential risks to human health and the environment at former NASD AOC J and SWMU 7 in FY11.
- Complete RI/FS and begin a proposed plan and ROD at SWMU 1 in FY11.
- Complete expanded SI and begin DD for no further cleanup action at potential AOCs Q and R in FY11.
- Continue pilot study at former NASD AOCs E and I in FY12.

### **MMRP**

- Complete expanded SI at UXO 17 in FY11.
- Complete RI fieldwork at UXO 1 and 15 in FY11.
- Complete surface clearance work at UXO 13 in FY11.
- Complete archaeological and biological assessment at UXO 13 and 15 in FY11.
- Complete DD for no further cleanup action at potential AOC EE and UXO 17 in FY11.
- · Complete RI/FS report for SWMU 4 in FY11.

**FFID:** CA917002756300

Location (Size): Richmond, California (416 acres)

Mission: Supply and provide bulk storage of various

grades of petroleum fuel product for fleet

HRS Score: N/A

IAG Status: N/A

**Contaminants:** Petroleum products, VOCs, SVOCs, heavy

metals, miscellaneous inorganic elements and

compounds

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 60.9 million

Est. CTC (Comp Year): \$ 0.0 million (FY2043)

IRP Sites (Final RIP/RC): 4 (FY2009)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status:

**IRP/MMRP Status Table:** Refer to page E-7-8

Underway

# Introduction

The Naval Fuel Depot (NFD), Point Molate supplies and provides bulk storage of fuel for fleets. Operations at the installation included bulk storage and supply of fuel products, including JP5, JP7, diesel, and Bunker C. Contaminants of concern include petroleum hydrocarbons, polycyclic aromatic hydrocarbons, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs) in the soil and groundwater. In July 1995, the BRAC Commission recommended closure of NFD, Point Molate. The installation formed a BRAC cleanup team in 1996 to develop a process for cleaning up sites at NFD, Point Molate. The installation also formed a Restoration Advisory Board in 1996 to discuss the installation's cleanup progress with the community.

There are 13 disposal areas at NFD, Point Molate. The installation has transferred all property. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

NFD, Point Molate transferred its remaining property, continued underground storage tank (UST) inspections and minor repairs, and monitoring at the Site 1 Landfill. The installation also transferred the remaining environmental cleanup responsibility, including completion of feasibility studies to evaluate cleanup alternatives, proposed plans, Records of Decision, and cleanup for IR Sites 3 and 4, to the City of Richmond per the 2008 Early Transfer Cooperative Agreement. The installation also transferred responsibility for long-term monitoring of the IR Site 1 Landfill, basewide groundwater, and closed USTs.

# **FY10 MMRP Progress**

NFD, Point Molate has identified no MMRP sites.

### **Plan of Action**

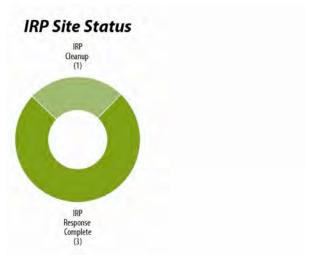
Plan of action items for Naval Fuel Depot, Point Molate are grouped below according to program category.

# **IRP**

 Review reports by the City of Richmond and developers per the Early Transfer Cooperative Agreement in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID**: RI117002424300

**Location (Size):** Newport, Rhode Island (1,400 acres)

Mission: Provide logistical support and serve as a training

center

HRS Score: 32.25; placed on NPL in November 1989

IAG Status: FFA signed in March 1992

Contaminants: PCBs, POLs, VOCs, SVOCs, metals

Media Affected: Surface Water, Sediment, Soil, Groundwater

IRP/MMRP Status Table:

Refer to page E-6-143

Funding to Date: \$ 108.5 million

Est. CTC (Comp Year): \$ 39.2 million (FY2041)

IRP Sites (Final RIP/RC): 31 (FY2017)
MMRP Sites (Final RIP/RC): 2 (FY2015)
Five-Year Review Status: Completed

# Introduction

Naval Station Newport (formerly known as the Newport Naval Education and Training Center) served as a refueling depot from the early 1900s until after World War II, when it restructured to support research and development, and to provide specialized training. Currently, the installation provides logistical support and serves as a training center. Contaminants at the installation include petroleum/oil/lubricant (POL) sludge associated with tank farm sites, waste acids, solvents, and polychlorinated biphenyls (PCBs) in landfills used to dispose of general refuse and shop wastes. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1992 to outline how they were going to proceed with cleanup. Formed in FY88, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY95. In FY90, the installation completed a community relations plan, and established an ecological advisory board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99 and FY04.

Naval Station Newport completed a Record of Decision (ROD), which selected cleanup action at Site 9. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Naval Station Newport continued annual long-term operation activities at Site 1. The installation completed Phase II remedial investigation (RI) fieldwork at Site 17 and RI fieldwork at Site 8. The installation also completed an interim removal action and a ROD, which selected cleanup actions at Site 9.

# **FY10 MMRP Progress**

Naval Station Newport completed the site inspection report for MMRP Site 1.

# **Plan of Action**

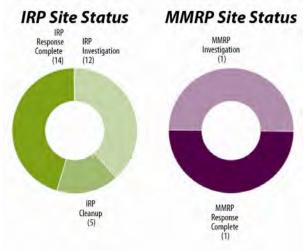
Plan of action items for Naval Station Newport are grouped below according to program category.

### **IRP**

- Continue annual long-term operation activities at Site 1 in FY11.
- Complete investigative fieldwork at Site 4 in FY11.
- Complete feasibility study to evaluate cleanup alternatives at Site 8 in FY11.
- Begin RIs at Sites 7 and 10 through 13 in FY11.

### **MMRP**

 Begin RI or interim removal action at MMRP Site 1 in FY11.



# **Naval Station Todd-Tacoma Formerly Commencement Bay**

**FFID:** WA09799F345500

Location (Size): Tacoma, Washington (191 acres)

Mission: Served as shipbuilding facility and reserve

shipyard

HRS Score: Unknown IAG Status: None

Contaminants: Mercury, VOCs, PNAs, PCBs, heavy metals,

arsenic, lead

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 0.3 million

Est. CTC (Comp Year): \$ 0.1 million (FY2012)

IRP Sites (Final RIP/RC): 1 (FY2012)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table: Refer to page E-7-55

# Introduction

The Naval Station Todd-Tacoma shipyard is located on Commencement Bay between Hylebos and Blair Waterways in Tacoma, Washington. The Navy acquired the 191-acre facility between 1942 and 1948. Beginning in 1940, Seattle-Tacoma Shipbuilding Corporation (later renamed Todd Pacific Shipyards, Inc., Tacoma Division) rapidly developed 74.2 acres to support the war efforts; this land later became the western portion of the Naval Station Todd-Tacoma. The Navy and the Maritime Commission acquired land adjacent to the private property to expand the plant. By October 1942, the Maritime Commission had transferred all of its contractual and facility interests to the Navy. The Navy continued land acquisitions until the end of the war when the installation had grown to 191 acres. After the war, DoD designated the property a Naval Industrial Reserve Shipyard, and shipbuilding ceased. In September 1948, the Navy acquired the Todd-owned property. In October 1958, DoD declared the property excess. The Navy and Marine Reserve Training Center retained eight acres, and transferred the remaining property to the Port of Tacoma in January 1960.

# **FY10 IRP Progress**

The United States Army Corps of Engineers (USACE) continued to monitor cleanup actions by potentially responsible parties (PRPs).

# **FY10 MMRP Progress**

USACE has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

# **Plan of Action**

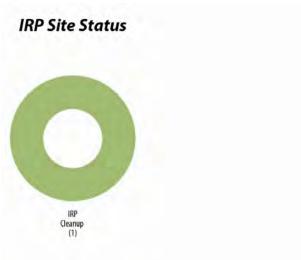
Plan of action items for Naval Station Todd-Tacoma are grouped below according to program category.

### **IRP**

 Continue to monitor cleanup actions by PRPs in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



FUDS

**FFID:** VA317002468500

Location (Size): Dahlgren, Virginia (2,677 acres)

Mission: Proof and test ordnance

HRS Score: 50.26; placed on NPL in October 1992

IAG Status: FFA signed in September 1994

**Contaminants:** Heavy metals, explosives residues, low-level

radioactive materials, mercury, cleaning solvents,

PCBs, pesticides, VOCs, SVOCs, explosives,

propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 70.9 million

Est. CTC (Comp Year): \$ 12.9 million (FY2019)

IRP Sites (Final RIP/RC): 70 (FY2017)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Underway and planned IRP/MMRP Status Table: Refer to page E-6-169

### Introduction

The Dahlgren Naval Surface Warfare Center changed its name in FY05 to the Naval Support Facility, Dahlgren (Dahlgren) to reflect integration into the Naval District Washington Region. Dahlgren conducts ordnance testing for the Navy. Ordnance testing operations contributed to the contamination. Contaminated site types include former landfills, former ordnance burning and disposal areas, underground storage tanks, former ordnance ranges, and former ordnance research and development areas. Migration of these releases could affect the Potomac River, Gambo Creek, associated wetlands, and local groundwater aguifers used for drinking water. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1992. DoD and EPA signed a federal facility agreement (FFA) in September 1994 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Dahlgren for realignment. The installation established an information repository and an administrative record in FY91. In FY92, the installation completed a community relations plan, and formed a technical review committee. In FY95, the installation converted its technical review committee responsible for communicating cleanup progress with the community, into a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY03, FY04, FY05, and FY10.

To date, Dahlgren has completed Records of Decision which selected cleanup actions for 20 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Dahlgren completed an interim cleanup action at Site 4 and continued an interim cleanup action at Site 15. The installation also prepared a draft explosive safety submission for Site 61a. In addition, Dahlgren completed five-year review reports for various sites and prepared a draft chemical waste work plan for Site 12. The installation continued groundwater monitoring at Sites 20 and 23, and completed wetland monitoring reports for Sites 6, 9, 17, 25, 46, and 58.

Regulatory issues delayed the pilot-scale work plan for Site 61a. Technical issues delayed the interim cleanup action at Site 63

# **FY10 MMRP Progress**

Dahlgren has identified no MMRP sites.

# IRP IRP Cleanup (4) IRP Response Complete- (61)

# **Plan of Action**

Plan of action items for Naval Support Facility, Dahlgren are grouped below according to program category.

# IRP

- Complete work plan for pilot study at Site 61a in FY11.
- Complete interim cleanup action at Site 15 and 63 in FY11.
- Prepare and finalize chemical safety submission for Site 12 in FY11.
- Complete wetland technical memorandums for Sites 6, 9, 17, 25, 46, and 58 in FY11-FY12.
- Begin pilot study for Site 61a in FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** CA917002452800

Location (Size): Concord, California (13,023 acres)

Mission: Shipped, received, inspected, and classified

munitions (tidal area); served as munitions storage and weapons maintenance, inspection,

and testing facility (inland area)

**HRS Score**: 50.00; placed on NPL in December 1994

IAG Status: FFA signed in June 2001

Contaminants: Heavy metals, petroleum hydrocarbons, VOCs,

SVOCs, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 94.8 million

Est. CTC (Comp Year): \$ 23.8 million (FY2020)

IRP Sites (Final RIP/RC): 19 (FY2018)

MMRP Sites (Final RIP/RC): 8 (FY2015)

Five-Year Review Status: Underway and planned

**IRP/MMRP Status Table:** Refer to page E-6-24

### Introduction

Naval Weapons Station (NWS) Seal Beach, Detachment Concord (Concord) ships, receives, inspects, and classifies munitions. It also serves as a munitions storage and weapons maintenance, inspection, and testing facility. These activities have resulted in the contamination of surface water and sediment at tidal and litigation-area sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1994. DoD and EPA signed a federal facility agreement (FFA) in June 2001 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended closure of the inland area, and realignment of the tidal area. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY95. Concord also received funding for technical assistance for public participation, updated the community relations plan, and completed the five-year review report in FY03.

Concord has completed Records of Decision (RODs), which selected cleanup actions for 15 environmental restoration sites, including no further cleanup activities for 20 sites. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Concord completed a ROD and began a design for cleanup for Solid Waste Management Units (SWMUs) 2, 5, 7, and 18. Concord also completed a removal action for Site 27. The installation began radiological scoping surveys to determine the presence of radioactivity throughout the base. In addition, the installation began a feasibility study (FS) to evaluate cleanup alternatives and prepared a proposed plan (PP) for Site 22A. The installation also drafted a PP and ROD for Site 22.

# **FY10 MMRP Progress**

Concord completed the site inspection fieldwork for Site 24A and a remedial investigation work plan and fieldwork for the former Inland Burn Area and Eagles Nest Explosive Ordnance Disposal.

### **Plan of Action**

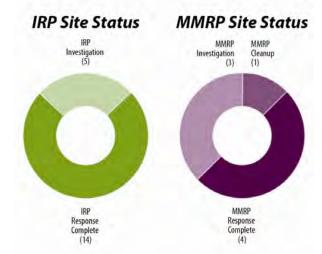
Plan of action items for Naval Weapons Station Seal Beach, Detachment Concord are grouped below according to program category.

### **IRP**

- Complete radiological scoping surveys to determine the presence of radioactivity throughout the base in FY11.
- Complete removal actions and finalize the PP and ROD determining no further cleanup actions are required at Site 27 in FY11.
- · Finalize FS at Site 29 in FY11.
- Complete cleanup actions and finalize cleanup completion report for SWMU 5 in FY11-FY12.
- Complete FS and PP for Site 22A in FY11-FY12.

### **MMRP**

- Complete removal action at Site 24A (Pistol Range) in F11-FY12.
- Conduct fieldwork at the Area of Potential Interest sites in FY11-FY12.



Nebraska Ordnance Plant

NPI

**FFID**: NE79799F041800

**Location (Size):** Mead, Nebraska (17,214 acres)

**Mission:** Performed ordnance storage and manufacturing

activities

**HRS Score:** 31.94; placed on NPL in August 1990

IAG Status: IAG signed in September 1991

**Contaminants:** Explosives, VOCs, TCE, PCBs, SVOCs, metals,

propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 121.2 million

Est. CTC (Comp Year): \$ 272.2 million (FY2075)

IRP Sites (Final RIP/RC): 9 (FY2012)
MMRP Sites (Final RIP/RC): 1 (FY2001)

Five-Year Review Status: Completed

**IRP/MMRP Status Table:** Refer to page E-6-106

# Introduction

From 1942 to 1956, Nebraska Ordnance Plant produced munitions at four bomb-loading lines, stored munitions, and produced ammonium nitrates. The property also contained burn areas, an Atlas missile facility, and a sewage treatment plant. The University of Nebraska now owns the majority of the property. The Nebraska National Guard, U.S. Army Reserves, and private entities own the remainder of the property. The U.S. Army Corps of Engineers (USACE) identified soil contaminated with polychlorinated biphenyls (PCBs) and munitions, and groundwater contaminated with explosives and volatile organic compounds (VOCs) on and off the site. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in August 1990. DoD and EPA signed an interagency agreement (IAG) in September 1991 to outline how they were going to proceed with cleanup. USACE converted the technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY97. In FY99, USACE completed a memorandum of understanding with the Lower Platte National Resource District in which they agreed on treating groundwater for reuse. USACE completed a community relations plan in FY08. To ensure continuous monitoring and improvement, USACE completed a five-year report in FY04 and FY09.

To date, USACE has signed Records of Decision for Operable Units (OUs) 1 and 2, which selected cleanup actions for these sites. USACE has incinerated over 16,000 tons of contaminated soil at Nebraska Ordnance Plant.

# **FY10 IRP Progress**

USACE began a pilot study for explosives contamination in Load Line 2, and began the remedial investigation (RI) addendum for OU 3. In addition, USACE completed the cleanup for underground storage tanks and construction of the Load Line 4 Treatment Plant. USACE investigated possible alternative energy options. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

USACE completed an Ordnance and Explosive Recurring Review.

### **Plan of Action**

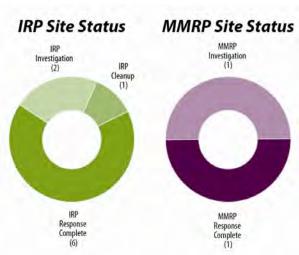
Plan of action items for Nebraska Ordnance Plant are grouped below according to program category.

### **IRP**

- Complete RI addendum and feasability study to evaluate cleanup alternatives for OU 3 in FY11
- Complete the work plan for the Load Line 2 pilot study in FY11.

### **MMRP**

- Complete Technical Project Planning Memo in FY11.
- Complete site specific work plan and begin field work in FY11.



FUDS F-135

**FFID:** CT117002202000

Location (Size): Groton, Connecticut (547 acres)

Mission: Maintain and repair submarines; conduct

submarine training and submarine research;

provide a home port for submarines

HRS Score: 36.53; placed on NPL in August 1990

IAG Status: FFA signed in January 1995

**Contaminants:** Dredge spoils, incinerator ash, POLs, PCBs,

spent acids, pesticides, solvents, construction

debris, metals, VOCs, SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 69.4 million

Est. CTC (Comp Year): \$41.6 million (FY2041)

IRP Sites (Final RIP/RC): 30 (FY2013)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-51

# Introduction

New London Naval Submarine Base maintains and repairs submarines. Contaminated sites at the installation include the Area A Landfill (Site 2), smaller disposal areas, underground storage tanks, and fuel and chemical storage areas. The potential risk to human health and the environment from polychlorinated biphenyl (PCB) contamination at Site 2 was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1995 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended New London Submarine Base for realignment. Formed in FY89, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY94. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY07.

To date, the installation has completed Records of Decision (RODs) that selected cleanup actions for Sites 2, 3, 6 through 8, 20, and Area A Wetlands, and an interim ROD for the base groundwater operable unit (OU). In addition, New London Naval Submarine Base signed no further action RODs, which determined that no further cleanup actions were necessary at Sites 4, 14 through 16, and 18. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) sites; no MMRP sites were identified.

# **FY10 IRP Progress**

New London Naval Submarine Base completed sediment removal at the Outer Pier 1; a remedial investigation, feasibility study (FS) to evaluate cleanup alternatives, proposed plan (PP), and ROD for Area A Wetlands (Site 2B); and a cleanup completion report for OU 9 groundwater. In addition, New London Naval Submarine Base completed a design for land use controls at OU 9 groundwater, which restricts use of or access to the site. The installation also continued long-term monitoring at multiple sites. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed completion of sediment removal at the Inner Pier 1.

# **FY10 MMRP Progress**

New London Naval Submarine Base has identified no MMRP sites.



# **Plan of Action**

Plan of action items for New London Naval Submarine Base are grouped below according to program category.

# **IRP**

- Complete sediment removal at the Inner Pier 1 in FY11.
- Design cleanup plan and complete work plan for Area A Wetlands in FY11.
- Complete lower base FS and PP in FY11.
- Continue long-term monitoring at multiple sites in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

FFID: OH557002465000
Location (Size): Heath, Ohio (70 acres)

Mission: Provided depot-level maintenance for Air Force

and DoD missile, navigation, and guidance

systems.

HRS Score: N/A
IAG Status: N/A

 $\begin{tabular}{ll} \textbf{Contaminants:} & VOCs, SVOCs, BCEE, TCE \\ \end{tabular}$ 

Media Affected: Groundwater and Soil

Funding to Date: \$ 6.5 million

Est. CTC (Comp Year): \$ 1.8 million (FY2012)
IRP Sites (Final RIP/RC): 14 (FY2002)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-7-43

### Introduction

Newark Air Force Base (AFB) has provided depot-level maintenance for missile guidance and the navigational systems used by most aircraft and missiles since 1992. Past waste management activities related to solvents, such as freon 113 and trichloroethylene (TCE), have affected groundwater at the installation. In 1993, the BRAC Commission recommended Newark AFB for closure. In FY94, the installation formed a BRAC cleanup team to determine a process for cleanup of sites at Newark AFB, and a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The RAB adjourned in FY05. To ensure continuous monitoring and improvement, Newark AFB completed a five-year review report in FY05.

Newark AFB has prepared Decision Documents, which determined that no further cleanup activities were necessary for five sites. The installation transferred 56 of the 70 acres comprising Newark AFB to the Heath-Newark-Licking County Port Authority, and 13 acres to the Licking County Regional Airport. In FY04, Newark AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# FY10 IRP Progress

Newark AFB continued cleanup operations at Former Facility 87. The installation also began the second five-year review report and began to update the land use control (LUC) management plan, which lays out the procedure to manage restricted access to sites. Newark AFB also updated the administrative record.

The BRAC cleanup team met twice.

# **FY10 MMRP Progress**

Newark AFB has identified no MMRP sites.

### **Plan of Action**

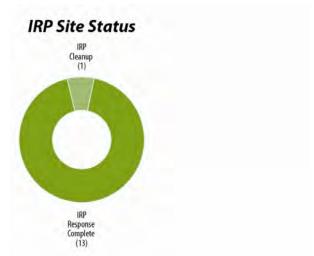
Plan of action items for Newark Air Force Base are grouped below according to program category.

# **IRP**

- Continue cleanup operations at Former Facility 87 in FY11.
- Transfer the final parcel in FY11.
- Update the LUC management plan in FY11.
- Complete the second five-year review report in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-137

Newport Chemical Depot

BRAC 2005 Closure

**FFID:** IN521382227200

**Location (Size):** Newport, Indiana (6,996 acres)

**Mission:** Store and eliminate VX stockpile and related

materials, while protecting the workforce, public,

and environment

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Explosives, heavy metals, VOCs, SVOCs,

breakdown products

Media Affected: Groundwater and Soil

Funding to Date: \$ 21.7 million

Est. CTC (Comp Year): \$ 1.8 million (FY2011)

IRP Sites (Final RIP/RC): 17 (FY2011)
MMRP Sites (Final RIP/RC): 2 (FY2011)

Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-7-24

### Introduction

Newport Chemical Depot (CD) stores and eliminates the VX nerve agent and other related materials. The Wabash River Ordnance Works originally manufactured the explosive RDX during World War II and the Korean conflict. In addition, Newport CD produced heavy water, which is used in nuclear reactors, in support of the Manhattan Project and Atomic Energy Commission. The installation also buried building debris, including asbestos-contaminated and decontaminated debris, constructed a TNT production plant, and composted and backfilled RDX-contaminated soils. In May 2005, the BRAC Commission recommended closure of the Newport CD after completion of the chemical demilitarization mission, including neutralizing the VX agent. Newport CD formed a Restoration Advisory Board in 2000 to discuss the installation's cleanup progress with the community.

In FY02 the installation conducted an inventory of sites suspected to contain munitions contamination under the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Newport CD continued fieldwork at Site 016 and conducted a treatability study for a well injection project to cleanup the trichloroethylene (TCE) plume. The installation continued to cleanup additional areas identified in the site inspection. In addition, the installation identified approximately 6,500 uncontaminated acres suitable to transfer and investigated an installation firing range.

# **FY10 MMRP Progress**

Newport CD conducted no MMRP actions.

# **Plan of Action**

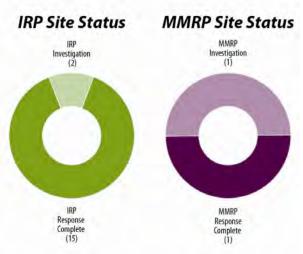
Plan of action items for Newport Chemical Depot are grouped below according to program category.

### **IRP**

- · Complete all restoration activities in FY11.
- Complete transfer of installation in FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Army F-138

FFID: VA317002741400

Location (Size): Norfolk, Virginia (4,631 acres)

Mission: Provide services and materials to support the

aviation activities and operating forces of the

Navy

HRS Score: 50.00; placed on NPL in April 1997

IAG Status: FFA signed in February 1999 Contaminants: Petroleum products, PCBs, solvents, heavy

metals, acids, paints, asbestos, pesticides,

VOCs, SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

**Funding to Date:** \$ 107.5 million

Est. CTC (Comp Year): \$ 25.6 million (FY2040)

IRP Sites (Final RIP/RC): 63 (FY2009) MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table:

Refer to page E-6-170

### Introduction

Norfolk Naval Base provides services and materials to support the aviation activities and operating forces of the Navy. Contamination originates from maintenance of aircraft, equipment, and vehicles, and from operation of support facilities. Contaminated site types at the installation include landfills, ordnance storage areas, waste disposal areas, fire training areas, fuel spill areas, and underground storage tanks. The potential risk to human health and the environment from the migration of contaminated surface water was significant enough for EPA to place the installation on the NPL in April 1997. DoD and EPA signed a federal facility agreement (FFA) in February 1999 to outline how they were going to proceed with cleanup. Formed in FY89, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY94. Norfolk Naval Base completed a community relations plan in FY93 which was updated in FY03. To ensure continuous monitoring and improvement, the installation completed five-year review reports for Sites 1, 2, 3, 6, and 20 in FY03 and FY09.

To date, the installation has completed Records of Decision (RODs) which selected cleanup actions for all sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Norfolk Naval Base completed RODS for land use controls at Solid Waste Management Unit 14 and Site 18, which restrict use of or access to those sites. The installation also completed RODs for all remaining sites.

# **FY10 MMRP Progress**

Norfolk Naval Base has identified no MMRP sites.

# Plan of Action

Plan of action items for Norfolk Naval Base are grouped below according to program category.

# **IRP**

- · Conduct optimization study to identify options for streamlining cleanup at Sites 1 and 3 in FY11-FY12.
- · Continued monitoring of optimized cleanup at Site 20 in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Norfolk Naval Shipyard
NPI

**FFID:** VA317002481300

Location (Size): Portsmouth, Virginia (795 acres)

Mission: Provide logistical support for assigned ships and

service craft; perform work in connection with conversion, overhaul, repair, alteration, dry-docking, and outfitting of naval vessels; perform manufacturing, research, development,

and test work; provide services to other activities

and units

HRS Score: 50.0; placed on NPL in July 1999
IAG Status: FFA signed in September 2004

Contaminants: Heavy metals, PCBs, VOCs, SVOCs, POLs, land

solvents

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 39.8 million

Est. CTC (Comp Year): \$ 1.7 million (FY2020)

IRP Sites (Final RIP/RC): 32 (FY2012)

MMRP Sites (Final RIP/RC): None
Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-7-54

# Introduction

Norfolk Naval Shipyard (NSY) is located on the western bank of the southern branch of the Elizabeth River. The installation provides logistical support, conversion, overhaul, repair, alteration, dry-docking, and outfitting of naval vessels. The installation also performs manufacturing, research, development, and test work. Site contamination resulted from past landfilling, disposal operations, and a plating shop. The potential risk to human health and the environment from surface water runoff into Paradise Creek was significant enough for EPA to place the installation on the NPL in July 1999. DoD and EPA signed a federal facility agreement (FFA) in September 2004 to outline how they were going to proceed with cleanup. An administrative record was established in FY92, and a community relations plan was completed in FY94; the community relations plan was updated in June 2003. Formed in FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY96.

To date, RCRA facility investigations performed at the installation identified 31 solid waste management units (SWMUs). A supplemental RCRA facility investigation identified an additional 121 SWMUs and areas of concern (AOCs). An additional 47 AOCs were later identified, bringing the total number of potentially contaminated areas at Norfolk NSY to 218. During the development of the FFA, inconsistent numbering and naming of potentially contaminated areas in previous documentation resulted in the reduction of identified sites. Norfolk NSY has completed Records of Decision (RODs) for Sites 10 and 17, and Operable Unit (OU) 1, which selected cleanup actions for these sites. In FYQ2, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Norfolk NSY completed soil cover construction activities, and finalized the ROD for soils at OU 2.

Technical and regulatory issues delayed development of the long-term management (LTM) plan for OU 2. Technical and regulatory issues also delayed the finalization of the feasibility study (FS) to evaluate cleanup alternatives and the proposed plan (PP) for groundwater at OU 2.

# **FY10 MMRP Progress**

Norfolk NSY has identified no MMRP sites.

# IRP Cleanup (6) IRP Response Complete (26)

### **Plan of Action**

Plan of action items for Norfolk Naval Shipyard are grouped below according to program category.

### **IRP**

- Develop LTM plan and finalize FS, PP, and ROD for OU 2 in FY11.
- · Complete five-year review report in FY11.
- Finalize PP and ROD for the enitre base in FY11
- · Update the community relations plan in FY11.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

Norton Air Force Base NPL/BRAC 1988

**FFID:** CA957002434500

**Location (Size):** San Bernardino, California (2,221 acres)

Mission:Supported C-141 airlift operationsHRS Score:39.65; placed on NPL in July 1987

IAG Status: IAG signed in 1989

**Contaminants:** Paints, refrigerants, heavy metals, spent

solvents, TCE, VOCs, SVOCs, waste oils, fuel,

**PCBs** 

Media Affected: Groundwater and Soil

Funding to Date: \$ 124.3 million

Est. CTC (Comp Year): \$ 2.4 million (FY2024)

IRP Sites (Final RIP/RC): 33 (FY2005)

MMRP Sites (Final RIP/RC): 5 (FY2010)

Five-Year Review Status: Completed and planned

IRP/MMRP Status Table: Refer to page E-7-8

# Introduction

Norton Air Force Base (AFB) formerly supported C-141 airlift operations. Sites include underground storage tanks, landfills, fire training areas, spill areas, and waste disposal pits. The most significant sources of contamination at the base were a trichloroethylene (TCE)-contaminated groundwater area and contaminated soil areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in 1989 to outline how they were going to proceed with cleanup. In December 1988, the BRAC Commission recommended closure of Norton AFB. The base closed in March 1994. In FY94, Norton AFB formed a BRAC cleanup team to develop a process for cleanup of sites, and a Restoration Advisory Board (RAB) to communicate the installation's cleanup progress with the community. The RAB adjourned in FY98. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00, FY05 and FY10.

Between FY94 and FY95, Norton AFB signed four Records of Decision, which selected cleanup actions at soil sites, for Central Base Area Operable Unit, and for all sites on the base. The installation transferred all base property in FY07. In FY04, the installation conducted an inventory of sites suspected to contain munitions for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Norton AFB completed a five-year review report and received EPA concurrence. The installation also discovered new contamination, which required additional funding.

Administrative issues delayed the approval for termination of RCRA corrective action authority on non-permitted sites, the closure of two RCRA sites, and obtaining post-closure permit for the industrial waste line.

# **FY10 MMRP Progress**

Norton AFB closed one of the remaining two sites.

Administrative issues delayed closure of the last remaining site.

# **Plan of Action**

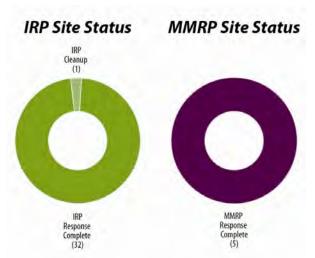
Plan of action items for Norton Air Force Base are grouped below according to program category.

# **IRP**

- Obtain regulatory approval for termination of RCRA corrective action authority on non-permitted sites in FY11.
- Complete closure of two RCRA Sites in FY11.
- Obtain RCRA post-closure permit for the industrial waste line, if necessary, in FY12.

### **MMRP**

Close remaining site in FY11.



Air Force F-141

Oakland Army Base

BRAC 1995

**FFID:** CA921352066100

Location (Size): Oakland, California (425 acres)

Mission: Served as host to Military Traffic Management

Command, Western Area

HRS Score: N/A
IAG Status: N/A

**Contaminants:** POLs, TCE, solvents, lead, PCBs, VOCs,

SVOCs, metals, pesticides, PAHs, BTEX

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$41.0 million

Est. CTC (Comp Year): \$ 8.9 million (FY2017)

IRP Sites (Final RIP/RC): 15 (FY2017)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Underway

IRP/MMRP Status Table:

Refer to page E-7-7

### Introduction

Oakland Army Base formerly hosted Military Traffic Management Command, Western Area. Contaminated sites have included underground storage tanks; Berths 6 and 6 1/2, where oil and fuel products contaminated storm drain bedding materials; Building 991, where pesticides and oil contaminated soil and groundwater; the West Grand Avenue overpass roadsides, where lead contaminated soil; Building 807, where chlorinated solvents contaminated soil and groundwater; and Building 648, where polychlorinated biphenyls (PCBs) contaminated soil. The 1995 BRAC Commission recommended closure of Oakland Army Base. The installation closed as scheduled on September 30, 1999. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites, and a Restoration Advisory Board to discuss the installation's cleanup progress with the community. In FY98, the installation completed an initial BRAC cleanup plan to prioritize sites requiring environmental restoration.

Oakland Army Base has signed one Record of Decision (ROD) to select cleanup actions on Installation Restoration Program (IRP) sites. The installation has transferred approximately 387 acres. Parcel 1 and Operable Unit (OU) 2 are the only remaining sites. In FY02, Oakland Army Base completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

The city of Oakland continues to work toward closure on the remaining sites under the environmental services cooperative agreement.

Regulatory issues delayed the implementation of cleanup actions, the completion of the Decision Document (DD), and the review of the feasibility study (FS) to evaluate cleanup alternatives at Parcel 1. Regulatory issues also delayed the completion of the FS and ROD for OU 2 and marine sediments.

# **FY10 MMRP Progress**

Oakland Army Base has identified no MMRP sites.

### **Plan of Action**

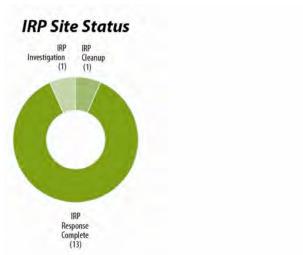
Plan of action items for Oakland Army Base are grouped below according to program category.

# **IRP**

- Complete the DD and implement cleanup actions at Parcel 1 in FY11.
- Begin soil remediation at Building 991 in FY11-FY12.
- Begin drafting FS and ROD for OU 2 in FY11-FY12.
- Begin DD and cleanup of marine sediments at Area of Concern M1 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Army F-142

**FFID:** WA09799F832600

Location (Size): Kitsap County, Washington (350 acres)

Mission: Provided harbor defense for Puget Sound; tested

torpedoes and stored fuel during World War I; served as a fire training school for the Navy and

housed an antiaircraft artillery battery

HRS Score: 50.00; placed on NPL in May 1994

IAG Status: IAG signed in July 1997

**Contaminants:** Asbestos, PCBs, heavy metals, petroleum

hydrocarbons, dioxins, furans

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 12.8 million

Est. CTC (Comp Year): \$ 3.3 million (FY2004)

IRP Sites (Final RIP/RC): 2 (FY2004)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-8-65

### Introduction

The Navy owned the Old Navy Dump/Manchester Annex from 1919 to 1960. During that time the Navy established three areas at the property (a net depot, a fire training area, and a landfill (LF)). Activities included maintenance, painting, sandblasting, and storage of steel cable net. The Navy disposed of domestic waste, wood, and metal waste originating from the Annex and the Puget Sound Naval Shipyard in a LF. Contaminants have been detected in soil at the LF, at the fire training area, and in surface water and sediment at the property. Contaminants of concern include heavy metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, dioxins, furans, and asbestos. Currently, the National Oceanic and Atmospheric Administration, the National Marine Fisheries Service, an EPA Laboratory, and a portion of Manchester State Park occupy the property. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in May 1994. DoD and EPA signed an interagency agreement (IAG) in July 1997 to outline how they were going to proceed with cleanup. To ensure continuous monitoring and improvement, the U.S. Army Corps of Engineers (USACE) completed five-year review reports in FY04 and FY09.

To date, USACE has completed one Record of Decision, which selected cleanup actions for the property. In FY06, USACE conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

USACE awarded a contract for continued long-term management (LTM) of the LF cap and shoreline protection. USACE also coordinated a draft institutional controls (IC) plan, which are tools that minimize the potential for human exposure, with stakeholders, and continued LTM of the LF cap and shoreline protection. USACE completed the 2009 compliance monitoring report. This is the last narrative for this property, as cleanup is complete at all sites.

Administrative issues delayed addendum to the second five-year review report.

# **FY10 MMRP Progress**

USACE has identified no MMRP sites.

# **Plan of Action**

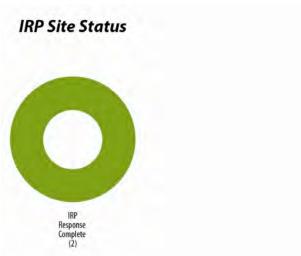
Plan of action items for Old Navy Dump/Manchester Annex are grouped below according to program category.

### **IRP**

- Begin LTM or an operations, maintenance, and monitoring plan to replace the compliance monitoring plan in FY11.
- Complete addendum to the second five-year review report in FY11.
- Complete a draft final version of the IC plan in FY11.
- Prepare contract for repairs to shoreline due to erosion, including repairs to the LF cap in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



FUDS F-143

**FFID**: FL417002473600

**Location (Size):** Orlando, Florida (2,050 acres)

**Mission:** Serve as naval training center; formerly used as

Army Air Force and Air Force bases

HRS Score: N/A

IAG Status: N/A

**Contaminants:** Asbestos, paints, POLs, photographic chemicals,

solvents, low-level radioactive wastes, VOCs,

SVOCs, metals

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 40.7 million

Est. CTC (Comp Year): \$ 8.6 million (FY2021)

IRP Sites (Final RIP/RC): 14 (FY2008)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed

IRP/MMRP Status Table: Refer to page E-7-17

### Introduction

From 1941 to 1968, Orlando Naval Training Center (NTC) served as an Army air base and an Air Force base. In 1968, the installation became a naval training center. The installation has four areas: the main base, Area C, Herndon Annex, and McCoy Annex. In July 1993, the BRAC Commission recommended closure of the installation and relocation of its activities. The installation closed on April 30, 1999. In FY94, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community, and a BRAC cleanup team to develop a process for the cleanup of sites. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY01.

The BRAC cleanup team completed a Record of Decision (ROD), selecting cleanup actions for 55 sites, and assessed and removed 55 tanks. To date, the installation has transferred 1,425 acres to the City of Orlando, and approximately 83 acres to the Federal Aviation Administration. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Orlando NTC identified the source of groundwater contamination at Study Area (SA) 36 Northwest, and continued long-term management (LTM) at Operable Units (OUs) 1 through 4 and SAs 2 and 17. The installation also began the development of a uniform federal policy quality assurance proposed plan for all sites. Additionally, the installation continued preparing the ROD for OUs 2, 3, and 4. The installation also signed contracts to inject additional emulsified oil substrate (EOS), which sustainably treats groundwater contamination, at OU 2 and SA 17.

# **FY10 MMRP Progress**

Orlando NTC has identified no MMRP sites.

# **Plan of Action**

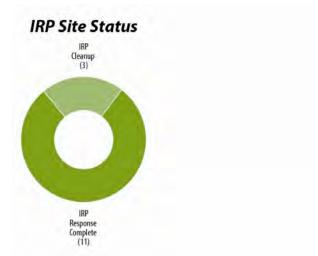
Plan of action items for Orlando Naval Training Center are grouped below according to program category.

# **IRP**

- Continue LTM at OUs 1 through 4 and SAs 2 and 17, and the development of a uniform federal policy quality assurance proposed plan in FY11.
- Complete ROD for OUs 2, 3,and 4 in FY11.
- Complete injection of EOS and conduct monitoring at OU 2 and SA 17 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** TX69799F676300,TX69799F655100

Location (Size):Pantex Village, Texas (16,000 acres)Mission:Produce and store military weapons

**HRS Score**: 51.22; placed on NPL in May 1994

IAG Status: None

**Contaminants:** VOCs, SVOCs, heavy metals, UXO, explosives

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 12.7 million

Est. CTC (Comp Year): \$ 10.0 million (FY2075)

IRP Sites (Final RIP/RC): 4 (FY2017)
MMRP Sites (Final RIP/RC): 2 (FY2075)

**Five-Year Review Status:** This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table:

Refer to page E-6-162 and E-8-60

# Introduction

The former Pantex Ordnance Plant began operations in 1942 as an Army Ordnance Corps facility. DoD declared the property excess in 1947. The property is now owned by the Department of Energy (DOE) and Texas Tech University. Operations conducted on the active DOE site include the fabrication, assembly, testing, and disassembly of nuclear ammunition and weapons. Sources of contamination included burning chemical waste in unlined pits, burying waste in unlined landfills, and the discharge of plant wastewater into surface water. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in May 1994. DOE is solely responsible for investigating sites on their property. The U.S. Army Corps of Engineers (USACE) established an electronic administrative record for the Texas Tech University FUDS property in FY03. In FY06, USACE completed a public involvement plan to address concerns over contamination with the community for Pantex Ordnance Plant.

In FY06, USACE completed an investigation of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

USACE continued supplemental remedial investigation (RI) and feasibility study activities to evaluate cleanup alternatives, and completed the removal of contaminated soil at three Areas of Concern in FY10. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

USACE revised the RI report in preparation for transition to the potentially responsible party (PRP).

# **Plan of Action**

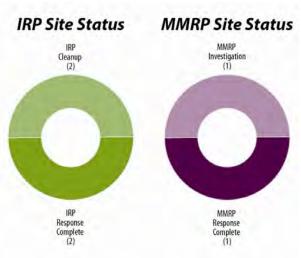
Plan of action items for Pantex Plant are grouped below according to program category.

### **IRP**

There are no IRP actions scheduled for FY11 or FY12.

# **MMRP**

Complete RI report and transition to the PRP in FY11.



**FFID**: SC417302276300

**Location (Size):** Parris Island, South Carolina (8,043 acres)

Mission: Receive, recruit, and combat-train enlisted personnel upon their enlistment in the Marine

Corps

HRS Score: 50.00; placed on NPL in December 1994

IAG Status: FFA signed in 2005

**Contaminants:** Pesticides, paints, POLs, solvents, industrial

wastes, metals, acids, electrolytes, ordnance

compounds, VOCs, SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 26.5 million

Est. CTC (Comp Year): \$ 12.6 million (FY2040)

IRP Sites (Final RIP/RC): 26 (FY2014)

MMRP Sites (Final RIP/RC): 8 (FY2019)
Five-Year Review Status: Underway

**IRP/MMRP Status Table:** Refer to page E-6-145

### Introduction

The Parris Island Marine Corps Recruit Depot receives. recruits, and combat-trains personnel upon their enlistment in the Marine Corps. Contaminated Sites at the installation include landfills or spill areas where groundwater and sediment are contaminated with solvents and petroleum/oil/lubricants (POLs). The potential risk to human health and the environment from contamination at two landfill sites was significant enough for EPA to place the installation on the NPL in December 1994. DoD and EPA signed a federal facility agreement (FFA) in 2005 to discuss how they were going to proceed with cleanup. The installation began to compile an administrative record in FY96 and completed a community relations plan in FY98. There has been no community interest to form a Restoration Advisory Board to discuss the installation's cleanup progress. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY05.

To date, the installation has signed an interim Record of Decision (ROD) which selected cleanup actions for the Site 1 corrective action plan, and Sites 2, 3, and 12. In FY02, Parris Island conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites have been identified.

# **FY10 IRP Progress**

Parris Island Marine Corps Recruit Depot completed the remedial investigation (RI) addendum and treatability study for Site 45 and submitted it for regulatory review. The installation also continued long-term management at Sites 1, 3, 12, and the aviation gasline pipeline. Additionally, the installation submitted a proposed plan for Site 3.

# **FY10 MMRP Progress**

Parris Island Marine Corps Recruit Depot completed Site Inspections (SIs) for eight sites and submitted them for regulatory review.

# **Plan of Action**

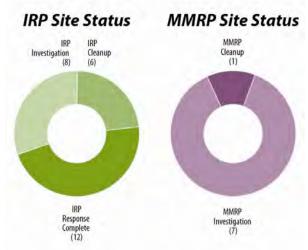
Plan of action items for Parris Island Marine Corps Recruit Depot are grouped below according to program category.

### **IRP**

- Complete the SI and work plan for Site 14 in FY11.
- Complete ROD for Site 3 in FY11.
- Complete and submit RI for Site 27 in FY11.
- Complete feasibility study to evaluate cleanup alternatives for Site 45 in FY11.
- Complete removal action at Site 27 in FY11.

# **MMRP**

Complete RI work plan in FY11-FY12.



**FFID:** MD317002453600

**Location (Size):** Lexington Park, Maryland (6,800 acres)

Mission: Test and evaluate naval aircraft systems

**HRS Score:** 36.87; placed on NPL in May 1994

IAG Status: FFA signed in December 2000

Contaminants: Heavy metals, pesticides, organics, POLs,

solvents, UXO, VOCs, SVOCs, explosives,

propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 65.8 million

Est. CTC (Comp Year): \$ 36.4 million (FY2022)

IRP Sites (Final RIP/RC): 64 (FY2017)

MMRP Sites (Final RIP/RC): 1 (FY2020)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-91

# Introduction

Patuxent River Naval Air Station (NAS) tests and evaluates naval aircraft systems. Three environmental restoration sites at the installation require the most cleanup: a Fishing Point Landfill (LF) site (Site 1), the former sanitary LF (Site 11), and the pest control shop (Site 17). Wastes managed at these sites included mixed solid wastes, petroleum/oil/lubricants (POLs), paints, thinners, solvents, pesticides, and photographic laboratory wastes. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. In 2005, the BRAC Commission recommended Patuxent River NAS for realignment. The installation formed a technical review committee in FY90 and completed a community relations plan in FY91, which is updated every three years. Patuxent NAS established a Restoration Advisory Board in FY94 that meets quarterly to discuss the installation's cleanup progress with the community. The installation regularly updates an administrative record and two information repositories. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01, FY04, and FY09.

To date, the installation has completed Records of Decision (ROD) for Sites 1, 3, 11, 12, and 34, which selected cleanup actions for these sites. In addition, a ROD amendment was completed for Site 17. Patuxent River NAS determined that no further cleanup actions were necessary for Sites 4/5, 6, 24, and 29, and completed a proposed cleanup plan ROD for Site 39. The installation closed Site 6A (6 Operable Unit [OU] 1) in FY04. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site has been identified.

# **FY10 IRP Progress**

Patuxent River NAS completed RODs for Sites 3 and 34, and began cleanup at Sites 4 and 5 (OUs 1 and 5). In addition, the installation began remedial investigations (RIs) at Sites 9, 31, and 34, and closed Site 44. The cost of completing environmental restoration has changed significantly due to technical issues.

# **FY10 MMRP Progress**

Patuxent River NAS completed the site inspection report for one site.

### Plan of Action

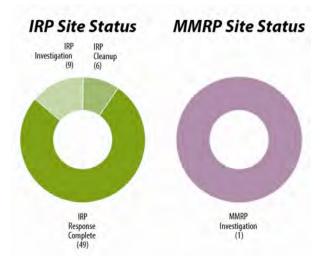
Plan of action items for Patuxent River Naval Air Station are grouped below according to program category.

### **IRP**

- Complete engineering evaluation and cost analysis for Site 3 in FY11.
- · Complete cleanup at Sites 4 and 5 in FY11.
- . Complete RIs at Sites 9, 23, and 34 in FY11.
- . Begin RIs at Sites 2, 21, and 28 in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** HI917002434200, HI917002477900,

HI917002434100, HI917002434000,

HI917002433900, and HI917002433400 Pearl Harbor, Hawaii (2,162 acres)

**Mission:** Provide primary fleet support in the Pearl Harbor

area

**HRS Score**: 70.82; placed on NPL in October 1992

IAG Status: FFA signed in March 1994

**Contaminants:** VOCs, SVOCs, heavy metals, PCBs, pesticides,

petroleum, hydrocarbons, solvents, explosives,

propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 200.6 million

Est. CTC (Comp Year): \$ 176.9 million (FY2035)

IRP Sites (Final RIP/RC): 101 (FY2020)

MMRP Sites (Final RIP/RC): 2 (FY2020)
Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-6-68, E-6-69, E-7-21, and

E-8-19

### Introduction

Location (Size):

The Pearl Harbor Naval Complex consists of seven installations: the Fleet and Industrial Supply Center (FISC), the Naval Station (NS), the Naval Magazine (NAVMAG), the Naval Shipyard (NSY) and Intermediate Maintenance Facility, the Public Works Center (PWC), the Naval Submarine Base, and the Inactive Ship Maintenance Facility. Fuel supply activities, landfills, and other support operations have contaminated the soil and groundwater with volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), and metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1992. DoD and EPA signed a federal facility agreement (FFA) in March 1994 to outline how they were going to proceed with cleanup. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY95. The installation established three information repositories in FY90 and an administrative record in FY92. Pearl Harbor Naval Complex also completed a community involvement plan in FY92, which was updated in FY95 and FY05.

The installation has completed Record of Decisions (RODs), which selected cleanup actions, for PWC 2, NS Solid Waste Management Unit (SWMU) 6, FISC Sites 33 and 39, and NAVMAG Site 9. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Pearl Harbor Naval Complex completed the draft remedial investigation (RI) report for NS 19 and PWC SWMU 1, and began feasibility studies (FSs) to evaluate cleanup alternatives at SWMU 1 and NAVMAG Site 3. The installation also completed RODs for PWC 2, NS SWMU 6, and FISC 39. In addition, the installation continued site inspection (SI) fieldwork at NSY SWMU 84 and completed groundwater sampling for vanadium at NSY 42.

# **FY10 MMRP Progress**

Technical issues delayed the SI report for NAVMAG Unexploded Ordnance (UXO) site 7.

# **Plan of Action**

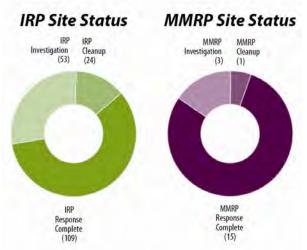
Plan of action items for Pearl Harbor Naval Complex are grouped below according to program category.

### **IRP**

- · Complete removal action at NS 58 in FY11.
- · Submit SI report for NSY SMWU 84 in FY11.
- Begin RI/FS report for PWC SWMU 1 in FY11.
- Begin RI report for NAVMAG Site 3 in FY11.
- Complete final FS at NSY 42 in FY11.

# **MMRP**

Complete SI report for NAVMAG UXO 7.



Pease Air Force Base NPL/BRAC 1988

**FFID:** NH157002484700

**Location (Size):** Portsmouth/Newington, New Hampshire (4,255)

acres

Mission: Served as Strategic Air Command bomber and

tanker base

HRS Score: 39.42; placed on NPL in February 1990

IAG Status: FFA signed in April 1991; modified in December

992

Contaminants: VOCs, spent fuels, waste oils, POLs, pesticides,

paints, TCE, SVOCs, metals, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 166.8 million

Est. CTC (Comp Year): \$ 19.2 million (FY2999)

IRP Sites (Final RIP/RC): 61 (FY2010)
MMRP Sites (Final RIP/RC): 1 (FY1996)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-109

# Introduction

Pease Air Force Base (AFB) served as a Strategic Air Command bomber and tanker base. Studies identified the following site types: fire training areas, burn pits, industrial facilities, landfills, and underground storage tanks. Petroleum products (JP-4 jet fuel) and industrial solvents, such as trichloroethylene (TCE), have contaminated the groundwater and soil. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in 1991, which was last amended in 1992, to outline how they were going to proceed with cleanup. The 1988 BRAC Commission recommended closure of Pease AFB. In March 1991, the installation closed. The installation formed a BRAC cleanup team in FY93 to develop a process for cleanup of sites at Pease AFB. The installation formed a Restoration Advisory Board in FY95 to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99, FY04, and FY09.

Cleanup sites at Pease AFB are grouped into 13 operable units (OUs). Before closure, the installation completed interim cleanup actions at four sites, soil removal at three sites, and test pit operations at two sites. To date, Pease AFB has signed 10 Records of Decision, selecting cleanup actions at OUs 1 through 6 and 8 through 11. In FY04, Pease AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Pease AFB completed construction of the air sparge/soil vapor extraction treatment system at Pumphouse 2 and began cleanup operations. The installation continued the investigation of contaminated Plume 13/14 conditions and began developing a series of plans to restart the treatment system. Additionally, the installation closed two petroleum sites, contaminated Plumes 31 and 32 on the flightline. The installation continued ongoing operations and maintenance (O&M). The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.

# **Plan of Action**

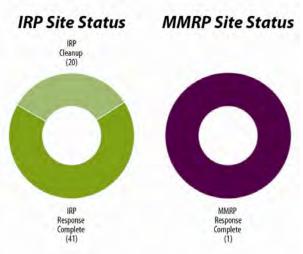
Plan of action items for Pease Air Force Base are grouped below according to program category.

### **IRP**

- Continue ongoing O&M in FY11.
- · Close petroleum Site 72 in FY11.
- Continue investigation and planning to restart the treatment system at Plume 13/14 in FY11.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-149

**FFID**: FL417002461000

Location (Size): Pensacola, Florida (5,874 acres)

Mission: Serve as a flight training center

HRS Score: 42.40; placed on NPL in December 1989

IAG Status: FFA signed in October 1990

**Contaminants:** Ammonia, asbestos, benzene, cyanide, heavy

metals, paints, PCBs, pesticides, phenols,

chlorinated and nonchlorinated solvents, plating wastes, VOCs, SVOCs, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$83.9 million

Est. CTC (Comp Year): \$47.1 million (FY2044)

IRP Sites (Final RIP/RC): 65 (FY2017)
MMRP Sites (Final RIP/RC): 1 (FY2018)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-54

### Introduction

Pensacola Naval Air Station (NAS), which now serves as a flight training center, was formerly a naval air rework facility and an aviation depot. Operations that have caused contamination at the station include a foundry, machine shops, coating and paint shops, paint stripping and plating shops, various maintenance and support facilities, landfills, and storage facilities. Investigations have identified 38 CERCLA sites, 1 solid waste management unit (SWMU), and 14 underground storage tank (UST) sites. Site types include landfills, disposal sites, polychlorinated biphenyls (PCBs) transformer and spill areas, industrial wastewater treatment plant areas, and evaporation ponds. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in December 1989. DoD and EPA signed a federal facility agreement (FFA) in October 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Pensacola NAS for realignment. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY94. To ensure continuous monitoring and improvement, the installation completed the first five-year review report in FY03 and a second five-year review report for Operable Units (OUs) 1, 4, 11, and 13 in FY08.

To date, 13 Records of Decision (RODs) have been signed by the installation, which selected cleanup actions for 22 environmental restoration sites; 7 of these RODs required no further cleanup action for 11 environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Pensacola NAS continued groundwater monitoring at SWMU 1, Sites 1, 8, 15, 24, and UST Site 17. The installation completed feasibility studies (FSs) to evaluate cleanup alternatives for OUs 19 (Site 44), 20 (Site 45), and 21 (Site 46). In addition, Pensacola NAS completed a ROD for OU 18 (Site 43) and radium cleanup at OU 2 (Sites 25 and 27).

Regulatory issues delayed the FS and proposed plan (PP) for OU 16 (Site 41) and the PP for OUs 19 through 21 (Sites 44 through 46). Regulatory issues also delayed RODs for OUs 20 and 21(Sites 45 and 46).

# **FY10 MMRP Progress**

Pensacola NAS completed site inspections at two sites.

# IRP IRP INvestigation (28) IRP Response Complete (32) IRP RP Response Complete (32)

### **Plan of Action**

Plan of action items for Pensacola Naval Air Station are grouped below according to program category.

### **IRP**

- Continue groundwater monitoring at SWMU 1, Sites 1, 8, 11, 12, 15, 24 through 27, 30, 38, and 43 in FY11.
- Complete FS and PP for OU 16 (Site 41) in FY11.
- Complete the design for cleanup and the construction of a cleanup system required at OU 18 (Site 43) in FY11.
- Complete the PPs for OUs 19 through 21 (Sites 44 through 46) in FY11.
- Complete RODs for OUs 20 and 21 (Sites 45 and 46) in FY11.
- Complete radium cleanup at Sites 2 and 12 in FY11.

### **MMRP**

 Begin remedial investigations at two sites in FY11.

**FFID:** PA317002775600, PA317002219800, and

PA317002241800

**Location (Size):** Philadelphia, Pennsylvania (1,494 acres)

Mission: Provide logistical support for ships and service craft; overhaul, repair, and outfit ships and craft;

conduct research and development; test and

evaluate shipboard systems

HRS Score: N/A

IAG Status: N/A

**Contaminants:** POLs, heavy metals, PCBs, solvents, VOCs,

**SVOCs** 

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 22.7 million

Est. CTC (Comp Year): \$ 1.2 million (FY2009)

IRP Sites (Final RIP/RC): 31 (FY2009)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-8-53

# Introduction

Philadelphia Naval Complex is comprised of Philadelphia Naval Shipyard (NSY), Naval Station (NS), and Naval Hospital (NH). Site types at the complex include landfills, oil spill areas, and disposal areas where petroleum/oil/lubricants (POLs) and heavy metals were released into groundwater and soil. In December 1988, the BRAC Commission recommended closure of the Philadelphia NH, and in July 1991, recommended closure of the Philadelphia NS and the Philadelphia NSY. Formed in FY89, the installation converted its technical review committee, responsible for communicating cleanup progress with the community, into a Restoration Advisory Board (RAB) in FY89. The installation formed a BRAC cleanup team to develop a process for cleanup of sites. The team prepared a BRAC cleanup plan in FY94 to prioritize sites requiring environmental restoration. The BRAC cleanup plan was revised in FY97. In FY95, Philadelphia Naval Complex established an information repository and developed a community relations plan. In FY01, the installation obtained a technical assistance for public participation grant to provide the RAB with input during the property transfer process. Upon completion of all property transfer, the RAB shifted its focus to the Naval Surface Warfare Center Ship System Engineering Station. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY04 and FY09.

To date, the installation has signed eight Records of Decision, which selected cleanup actions at environmental restoration sites. The installation also has transferred 1,218 acres of property. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Philadelphia Naval Complex continued landfill (LF) operation and maintenance at Site 4 and completed repairs to the LF cap. This is the last narrative for this installation, as cleanup is complete at all sites.

# **FY10 MMRP Progress**

Philadelphia Naval Complex has identified no MMRP sites.

# **Plan of Action**

Plan of action items for Philadelphia Naval Complex are grouped below according to program category.

# **IRP**

 Continue LF operation and maintenance at Site 4 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Picatinny Arsenal NPI

**FFID**: NJ221382070400

**Location (Size):** Rockaway Township, New Jersey (6,500 acres)

**Mission:** Serve as host to the Army Armaments Research.

Development, and Engineering Center

**HRS Score:** 42.92; placed on NPL in February 1990

IAG Status: IAG signed in April 1991

**Contaminants:** VOCs, explosives, PCBs, heavy metals, SVOCs,

propellants, radioactive materials, BTEX

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 131.3 million

Est. CTC (Comp Year): \$85.9 million (FY2027)

IRP Sites (Final RIP/RC): 178 (FY2014)
MMRP Sites (Final RIP/RC): 15 (FY2016)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-110

# Introduction

In 1880, Dover Powder Depot, now known as Picatinny Arsenal, was established to store gunpowder. Untill the 1970s, the installation manufactured explosives, propellants, and ammunition. It now houses the Joint Munitions and Lethality Life Cycle Management Command. Contaminated sites include a burning ground, landfills, underground storage tanks, former production areas, and former testing sites. Identified contaminants include volatile organic compounds (VOCs), explosives, and heavy metals. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed an interagency agreement (IAG) in April 1991 to outline how they were going to proceed with cleanup. In FY96, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. In FY98, FY05, FY08, and FY09, the installation received technical assistance for public participation funding. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY06.

To date, the installation has signed 15 Records of Decision (RODs), selecting cleanup actions for 29 sites. In FY03, Picatinny Arsenal completed an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

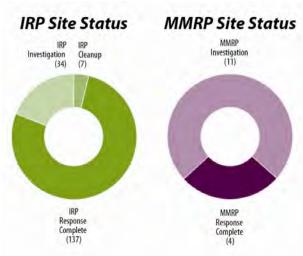
Picatinny Arsenal released public notices for three proposed plans (PPs) regarding the Groups 1 and 3 sites and Site 78. The installation completed construction of cleanup systems at two sites and the feasibility study (FS) to evaluate cleanup alternatives for 600 Hill. Picatinny Arsenal completed the ROD for Groups 1 and 3 sites. The installation monitored and continued groundwater cleanup using natural processes at two sites.

Technical issues delayed the release of public notices for three PPs and delayed the construction of cleanup systems at 11 sites

# **FY10 MMRP Progress**

Picatinny Arsenal completed removal actions on eight acres at Tilcon Mines. The installation awarded a contract and began the remedial investigation (RI) at all eligible sites. In addition, Picatinny Arsenal performed unexploded ordnance (UXO) clearances and construction support for various projects.

Administrative issues delayed the removal actions on two acres at Tilcon Mines.



# **Plan of Action**

Plan of action items for Picatinny Arsenal are grouped below according to program category.

### **IRP**

- Complete ROD and cleanup at Site 78 in FY11.
- Complete five-year review reports for sites that have signed RODs in FY11.
- Complete FS for Lake Denmark and Lake Picatinny in FY11.
- Complete RODs selecting land use controls (LUCs) for cleanup actions at over 140 individual sites in FY11-FY12.

### **MMRP**

- Initiate RI work plan for all sites in FY11.
- Continue UXO clearances and constuction support for various projects in FY11.
- Complete the removal action on the two remaining acres at Tilcon Mines in FY11.
- Complete LUCs for all eligible sites in FY11-FY12.
- Complete RI at Former Skeet Range in FY11-FY12.

Army F-152

**FFID**: NY257002477400

**Location (Size):** Plattsburgh, New York (3,447 acres)

Mission: Served as former bomber and tanker aircraft

operations

**HRS Score**: 30.34; placed on NPL in November 1989

IAG Status: FFA signed in July 1991

**Contaminants:** Organic solvents, pesticides, fuels, PCBs, lead,

VOCs, SVOCs, metals, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 70.0 million

Est. CTC (Comp Year): \$ 12.0 million (FY2084)

IRP Sites (Final RIP/RC): 42 (FY2011)
MMRP Sites (Final RIP/RC): 6 (FY2003)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-119

### Introduction

Plattsburgh Air Force Base (AFB) formerly supported bomber and tanker aircraft operations. Groundwater at a former fire training (FT) area is contaminated with chlorinated solvents, as well as benzene, toluene, ethyl benzene, and xylene. Other contaminated site types include underground storage tanks. aboveground storage tanks, landfills, industrial facilities, spill sites (SS), and training areas. The potential risk to human health and the environment was significant enough for EPA to place Plattsburgh AFB on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in July 1991 to outline how they were going to proceed with cleanup. The 1993 BRAC Commission recommended closure of Plattsburgh AFB, and the installation closed in September 1995. Plattsburgh AFB updated the BRAC cleanup plan with community input in FY04 to prioritize sites requiring environmental restoration. In FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. In FY95, Plattsburgh AFB completed a community relations plan. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY99, FY04 and FY10.

Plattsburgh AFB has grouped contaminated sites into 21 operable units (OUs). To date, the installation has closed 21 sites in concurrence with regulators. The installation has completed 12 Records of Decision (RODs), which selected cleanup actions for 12 OUs. In FY04, Plattsburgh AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Plattsburgh AFB completed the third five-year review report with EPA concurrence. Plattsburgh AFB also constructed and began operations of a soil vapor extraction system and a combined air sparge/vapor extraction system. The installation submitted a supplemental proposed plan (PP) and revised ROD for FT 002 groundwater OU. In addition, the installation prepared and submitted a PP for SS 041.

Technical issues at FT 002 delayed the ROD for three sites.

# **FY10 MMRP Progress**

Plattsburgh AFB conducted no MMRP actions in FY10.

# **Plan of Action**

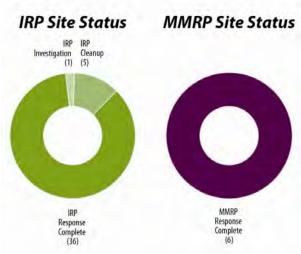
Plan of action items for Plattsburgh Air Force Base are grouped below according to program category.

# **IRP**

- · Complete RODs for three sites in FY11.
- Complete implementation of all cleanup systems in FY11.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Air Force F-153

FFID: ME117002201900

Location (Size): Kittery, Maine (278 acres)

Mission: Maintain, repair, and overhaul nuclear

submarines

HRS Score: 67.70; placed on NPL in May 1994

IAG Status: FFA signed in 1999

Introduction

Navy

Contaminants: Pesticides, PCBs, VOCs, heavy metals, SVOCs

The Portsmouth Naval Shipyard (NSY) maintains, repairs, and

overhauls nuclear submarines. A RCRA facility assessment in FY86 identified 28 solid waste management units (SWMUs).

Site types at the installation include a landfill (LF), a salvage and storage area, and waste oil tanks. The potential risk to

groundwater and sensitive wetland communities was significant

in 1999 to outline how they were going to proceed with cleanup. Formed in FY87, the installation converted its technical review

with the community into a Restoration Advisory Board in FY95.

Portsmouth NSY developed a community relations plan, which

improvement, the installation also completed a five-year review

was updated in FY97. To ensure continuous monitoring and

To date, the installation determined that no further cleanup

actions were necessary for SWMUs 12, 13, 16, and 23. The installation also has completed Records of Decision (RODs).

restoration sites and OU 1. In FY02, the installation conducted an inventory of all sites suspected to contain munitions

which selected cleanup actions for three environmental

report for Operable Unit (OU) 3 in FY07.

human health and the environment from contamination in

enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA)

committee responsible for communicating cleanup progress

Media Affected: Groundwater, Surface Water, Sediment, Soil IRP/MMRP Status Table:

Refer to page E-6-88

\$ 57.4 million **Funding to Date:** 

Est. CTC (Comp Year): \$ 31.2 million (FY2037)

IRP Sites (Final RIP/RC): 34 (FY2014) MMRP Sites (Final RIP/RC): 1 (FY2005)

Five-Year Review Status: Completed and planned

# **FY10 MMRP Progress**

Portsmouth NSY conducted no MMRP actions.

# Plan of Action

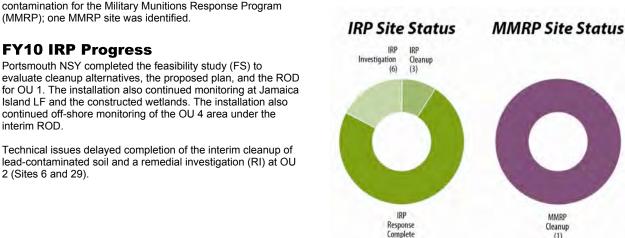
Plan of action items for Portsmouth Naval Shipyard are grouped below according to program category.

### IRP

- Complete an RI/FS at OU 2 (Sites 6 and 29) in FY11.
- Complete interim cleanup of lead-contaminated soil at OU 2 (Sites 6 and 29) in FY11.
- Begin RI at OU 8 (Site 31) in FY11.
- Begin interim removal action at Site 30 in FY11.
- · Update community relations plan in FY11.
- · Prepare second five-year review report in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



F-154

Pueblo Chemical Depot

BRAC 1988

**FFID:** CO821382072500

Location (Size): Pueblo, Colorado (23,121 acres)

**Mission:** Store chemical munitions, plan for future closure.

HRS Score: N/A
IAG Status: N/A

**Contaminants:** POLs, heavy metals, VOCs, pesticides,

explosives, PCBs, UXO, SVOCs, propellants,

BTE.

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 146.8 million

Est. CTC (Comp Year): \$88.9 million (FY2023)

IRP Sites (Final RIP/RC): 43 (FY2018)

MMRP Sites (Final RIP/RC): 14 (FY2018)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-47

### Introduction

Pueblo Chemical Depot (CD), formerly Pueblo Chemical Activity, stores chemical munitions. Contaminated sites include a landfill, open burning and detonation grounds, ordnance and explosives waste areas, lagoons, former building sites, oil-water separators, a TNT washout facility and discharge system, and hazardous waste storage units. Heavy metals, volatile organic compounds (VOCs), and explosives are the primary contaminants affecting soil and groundwater. In December 1988, the BRAC Commission recommended realignment of the installation. In FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites at Pueblo CD. Also in FY94, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the public. The community formed a local redevelopment authority, which prepared a land reuse plan. In FY96, the installation developed Team Pueblo to coordinate public involvement in restoration. reuse, closure. In FY99, RAB members approved the RAB charter.

In FY03, Pueblo CD conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Pueblo CD continued cleanup at Solid Waste Management Units (SWMUs) 14, 17, 28, 36 and 58. The installation received regulatory approval for no further cleanup action at SWMUs 49 and 50. Pueblo CD also completed work plans for corrective measure investigations at SWMUs 19 and 25, completed and submitted an investigation report for SWMU 38, and submitted a work plan for cleanup at SWMU 40 to the State for approval. Pueblo CD also finalized the justification for no further cleanup action for SWMU 35 and submitted it to the State for approval.

Regulatory issues delayed the submission of the justification for no further action for SWMU 21 to the State for approval.

# **FY10 MMRP Progress**

Technical issues delayed the completion and submission of the supplemental RCRA facility investigation for SWMU 34.

# IRP IRP IRP IRP Cleanup (12) (5) Cleanup (1) Complete (2) IRP Response Complete (26)

### **Plan of Action**

Plan of action items for Pueblo Chemical Depot are grouped below according to program category.

### IRP

- Continue cleanup at SWMUs 14, 17, 28, 36 and 58 in FY11.
- Receive state approval for the work plan for cleanup at SWMU 25 and implement the remedy in FY11.
- Draft a justification for no further action for SWMUs 19 and 21 and submit for state approval in FY11.
- Submit the investigation report for SWMU 38 for state approval in FY11.
- Complete the investigation at SWMU 39 and submit the report for state approval in FY11.
- Complete work plan for cleanup at SWMUs 40 and 43 and submit for state approval in FY11.

### **MMRP**

 Complete supplemental investigation at SWMUs 7 and 34 in FY11.

**FFID:** WA017002341800, WA017002342600,

WA017002726800

**Location (Size):** Kitsap County, Washington (1,392 acres)

Mission: Support ship logistics; work in construction and overhaul; provide housing and healthcare for

active duty families

HRS Score: 50.00; placed on NPL in May 1994

IAG Status: IAG signed for Bremerton Naval Complex in

1998; IAG signed for Jackson Park Housing

Complex in 2004

**Contaminants:** Heavy metals, VOCs, POLs, solvents,

construction debris, acids, silver nitrate, SVOCs,

explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 206.7 million

Est. CTC (Comp Year): \$ 104.1 million (FY2042)

IRP Sites (Final RIP/RC): 36 (FY2016) MMRP Sites (Final RIP/RC): 3 (FY2017)

Five-Year Review Status: Completed and planned

IRP/MMRP Status Table: Refer to page E-6-176 and E-7-55

### Introduction

Puget Sound Naval Shipyard (NSY) supports ship logistics. works in construction and overhaul, and provides housing and healthcare for active duty families. Naval Facilities Engineering Command Northwest manages all cleanup activities at Bremerton Naval Complex (BNC) and Jackson Park Housing Complex (JPHC). Most of BNC, which includes the Puget Sound NSY, is built on contaminated fill material. Initial assessment studies identified six sites for BNC and eight at JPHC. The main sources of contamination are past operations, such as cleaning and demilitarization of ordnance and ship construction, maintenance, and demolition. Metals and petroleum/oil/lubricants (POLs) are the primary contaminants. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed an interagency agreement (IAG) for BNC in 1998 to outline how they were going to proceed with cleanup; they signed an IAG for JPHC in 2004. Formed in FY91 and FY92 respectively, JPHC and BNC converted their technical review committees responsible for communicating cleanup progress with the community to Restoration Advisory Boards in FY94. To ensure continuous monitoring and improvement, the installation completed five-year review reports for BNC in FY02 and FY07, and for JPHC in FY05.

To date, BNC has completed Records of Decision (RODs) for Operable Units (OUs) A, BM (Marine), BT (Terrestrial), D, and Naval Supply Center, which selected cleanup actions for these sites. JPHC has completed a ROD for OU 1. Puget Sound NSY transferred approximately two acres of BNC OU D property to the City of Bremerton. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

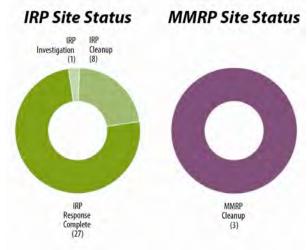
Puget Sound NSY continued long-term monitoring and completed field work supporting a focused feasibility study (FS) to evaluate cleanup alternatives at JPHC OU 1. The installation also continued long-term monitoring at BNC OU BT and completed the fourth round of long-term monitoring at BNC OU BM. In addition, Puget Sound NSY completed an assessment of potential risks to human health from mercury at BNC OU BM. The cost of completing environmental restoration has changed significantly due to technical issues.

Regulatory issues delayed the second JPHC five-year review report.

# **FY10 MMRP Progress**

Puget Sound NSY resolved the formal dispute for stipulated penalties at JPHC OU 3T. The installation also completed a Phase II remedial investigation (RI) and FS for JPHC OU 3T. In addition, Puget Sound NSY completed a draft RI/FS report for JPHC OU 3M and a draft FS and proposed plan (PP) for JPHC OU 2.

Regulatory issues delayed completion of the PP for JPHC OU 3T



### **Plan of Action**

Plan of action items for Puget Sound Naval Shipyard are grouped below according to program category.

### **IRP**

- Complete focused FS at JPHC OU 1 in FY11.
- Complete second JPHC five-year review report in FY11
- Complete RI/FS and PP for JPHC OU 2 in FY11.
- Continue long-term monitoring at BNC OU BT in FY11.

### **MMRP**

- Complete ROD and begin design and cleanup at JPHC OU 3T in FY11.
- Complete RI/FS and PP for JPHC OU 3M in FY11.
- Complete PP for JPHC OU 3T in FY11.

**FFID:** TX621382073800

**Location (Size):** Texarkana, Texas (18,316 acres)

**Mission:** Conduct ground combat; air defense systems

certification; equipment support services; munitions storage, renovation and

demilitarization; defense logistic support

HRS Score: N/

IAG Status: N/A

Contaminants: Trichloroethylene (TCE), cadmium, chromium,

\$ 49.0 million

lead, zinc, dichloroethane, dichloroethene,

VOCs, SVOCs, metals

Media Affected: Soil

**Funding to Date:** 

Est. CTC (Comp Year): \$ 60.3 million (FY2017)

IRP Sites (Final RIP/RC): 79 (FY2017)
MMRP Sites (Final RIP/RC): 13 (FY2017)

Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-6-155

### Introduction

Red River Army Depot (AD) conducts ground combat; air defense systems certification; equipment support services; munitions storage, renovation, and demilitarization; and defense logistic support. Areas of environmental concern at Red River AD include spill sites associated with previous industrial and disposal activities. Trichloroethylene (TCE) is the main contaminant affecting groundwater at the installation. In 1995, the BRAC Commission realigned Red River AD by moving the M113 vehicle mission to other depots. In 2005, the BRAC Commission further realigned Red River AD to close the munitions center and move the missile facilities. The installation retained its Tactical Wheeled Vehicle Programs, intern training, and rubber production missions. In FY95, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY96, the installation prepared a BRAC cleanup plan to prioritize sites requiring environmental restoration and updated it in FY01. In FY95, the community formed the Red River Redevelopment Authority. In FY96, Red River AD formed a Restoration Advisory Board to discuss cleanup progress with the the community.

To date, the installation has removed more than 2,000 cubic yards of contaminated sediment from the north and south stormwater drainage ditches in the Western Industrial Area. Red River AD also transferred 694 of the 797 acres of BRAC property to the Red River Redevelopment Authority. In FY03, Red River AD conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) at the non-BRAC portion of this installation: MMRP sites were identified.

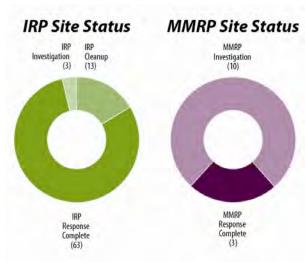
# **FY10 IRP Progress**

Red River AD completed the response action plan for the Panther Creek barrier walls after receiving approval from the Texas Commission on Environmental Quality. The installation completed the remedial investigation (RI) of the Defense Reutilization and Marketing Office Scrap Yard. Red River AD also completed the draft finding of suitability for transfer for the X1 Sewer Treatment Plant. In addition, the installation completed fieldwork for investigations. Red River AD conducted groundwater monitoring at the open burn/open detonation grounds, chromate equalization lagoon, Ordnance Training Center Landfill (LF) and sludge drying beds in accordance with the compliance plan. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

# **FY10 MMRP Progress**

Red River AD completed fieldwork for the RI and feasibility study (FS) to evaluate cleanup alternatives for five active sites and two BRAC 2005 sites.

Technical issues delayed completion of the draft RI/FS report for five active sites and two BRAC 2005 sites.



### **Plan of Action**

Plan of action items for Red River Army Depot are grouped below according to program category.

### IRP

- Complete the reports for the investigations in FY11
- Complete draft RI reports at four BRAC 2005 sites FY11.
- Conduct vacuum extraction of fuel-contaminated groundwater at Site 37 in FY11-FY12.
- Monitor performance of barrier protecting Panther Creek from solvent-contaminated groundwater in FY11-FY12.
- Conduct groundwater monitoring at the open burn/open detonation grounds, chromate equalization lagoon, Ordnance Training Center LF and sludge drying beds in FY11-FY12.

### **MMRP**

- Complete draft RI/FS for five active sites and two BRAC 2005 sites in FY11.
- Complete RIs at the NW and SW Surveillance Function Test Ranges FY11.

**FFID:** AL421382074200

**Location (Size):** Huntsville, Alabama (38,300 acres)

Mission: Serve as host to the Army Aviation and Missile

Command, the Space and Missile Defense Command. Redstone Technical Test Center, and

the Missile and Space Intelligence Center

HRS Score: 33.40; placed on NPL in June 1994

IAG Status: FFA under negotiation

Contaminants: Heavy metals, solvents, MEC, perchlorate, CWM,

pesticides, VOCs, SVOCs, PCBs, explosives,

propellants, PAHs, BTEX

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 241.9 million

Est. CTC (Comp Year): \$ 50.5 million (FY2025)

IRP Sites (Final RIP/RC): 271 (FY2014)

MMRP Sites (Final RIP/RC): 30 (FY2014)

Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-6-1

### Introduction

Past operations at Redstone Arsenal included production, receipt and shipment, storage, demilitarization, and disposal of chemical and high-explosive munitions. Industrial firms also produced commercial chemicals and pesticides at the installation. Redstone Arsenal currently conducts military training, research and development; manages procurement; and supports the Army's aviation and missile weapons systems. Site types include past disposal sites, landfills, open burning and open detonation areas, chemical munitions disposal sites, and releases from rocket motor production processes. Primary contaminants of concern are heavy metals, solvents, chemical weapon materiels, munitions and explosives of concern, and pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in June 1994. DoD and EPA are currently negotiating a federal facility agreement (FFA) to outline how they will proceed with cleanup. In FY94, Redstone Arsenal formed a technical review committee to discuss cleanup progress with the community. In FY05, the BRAC Commission recommended Redstone Arsenal for realignment.

Sites at Redstone Arsenal are grouped into groundwater operable units (OUs) and surface media OUs. To date, the installation has closed 21 sites and completed 10 Records of Decision (RODs), selecting cleanup actions at 13 sites. Redstone Arsenal has also signed one interim ROD for groundwater land use controls (LUCs), which restrict the use of and access to sites.

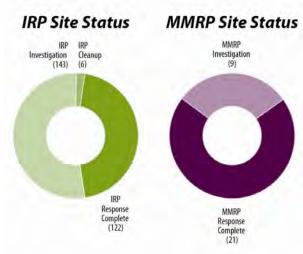
# **FY10 IRP Progress**

Redstone Arsenal began removal actions to address soil at sites 097 and 138M to support future facility construction, and began removal actions at Sites 122 and 183. The installation began preparing site inspection (SI) and remedial investigation (RI) work plans for 56 sites, began SIs at 37 sites, and began RIs at 33 sites. The installation also began drafting five feasibility study (FS) reports to evaluate cleanup alternatives. Redstone Arsenal finalized SI reports and obtained approval for Sites 271 and 197, and finalized SI workplans for Sites 255 and C. The installation completed a final closure report for site 057, and a decision document (DD) at Site 197. The cost of completing environmental restoration has changed significantly due to technical issues.

Redstone Arsenal submitted a request for interest in forming a RAB, but there was not enough community interest.

# **FY10 MMRP Progress**

Redstone Arsenal employed an Explosive Detonation System to destroy 15 munitions recovered and stored at the installation, and began an RI/FS to evaluate cleanup alternatives at RSA-141, RSA-072, RSA-278, and MSFC-003.



### **Plan of Action**

Plan of action items for Redstone Arsenal are grouped below according to program category.

### IRP

- Complete 18 FSs, 20 proposed plans (PPs), 25 RIs, and 13 SIs in FY11.
- Complete a cleanup closure report, 10 LUC plans, and 11 cleanup work plans in FY11.
- Complete 11 DDs and 15 RODs in FY11.
- Continue removal actions to address soil at Sites 097 and 138M to support future facility construction in FY11-FY12.
- Continue removal actions at Sites 122 and 183 in FY11-FY12.
- Continue SIs at 37 sites and RIs at 33 sites in FY11-FY12.
- Contiue preparing SI and RI workplans for 56 sites, and the five draft FSs in FY11-FY12.

### **MMRP**

 Complete three RIs, two FSs, and two PPs in FY11. Reese Air Force Base

BRAC 1995

IRP/MMRP Status Table:

Refer to page E-7-49

**FFID**: TX657152409100

Lubbock, Texas (2,987 acres)

Mission:

Conducted pilot training

HRS Score: N/A

IAG Status: FFA signed in 1987 and terminated in June 1999

**Contaminants:** VOCs, POLs, metals, pesticides, herbicides,

TCE. SVOCs

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$ 128.0 million

Est. CTC (Comp Year): \$ 2.1 million (FY2014)

IRP Sites (Final RIP/RC): 18 (FY2006)
MMRP Sites (Final RIP/RC): 3 (FY2000)

Five-Year Review Status: Completed and planned

## **Plan of Action**

Plan of action items for Reese Air Force Base are grouped below according to program category.

### **IRP**

- Prepare a five-year review report in FY11.
- Continue enhanced groundwater cleanup action in FY11-FY12.
- Continue compliance with the RCRA Order in FY11-FY12.
- Continue landfill maintenance and monitoring in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

### Introduction

Reese Air Force Base (AFB) formerly supported pilot training and related activities. Sites identified at the installation include landfills, surface impoundments, underground storage tanks, sludge spreading areas, industrial drain lines, and fire training areas. DoD and EPA signed a federal facility agreement (FFA) in 1987 to outline how they were going to proceed with cleanup, the FFA terminated in June 1999. The 1995 BRAC Commission recommended closure of Reese AFB, and the installation closed in September 1997. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. Reese AFB formed a Restoration Advisory Board (RAB) in FY95 to discuss the installation's cleanup progress with the community; the RAB adjourned in FY10. To ensure continuous monitoring and improvement, Reese AFB completed a five-year review report in FY06.

To date, the installation has transferred all property. In FY06, Reese AFB determined that no further construction of cleanup systems was required. In FY04, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified. Reese AFB closed all MMRP sites in FY07.

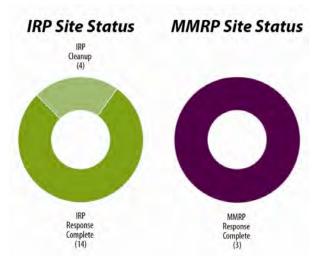
# FY10 IRP Progress

Reese AFB continued the enhanced groundwater cleanup action. The installation also continued compliance with the RCRA Order and continued landfill maintenance and monitoring.

Reese AFB formally adjourned the RAB.

# **FY10 MMRP Progress**

The installation conducted no MMRP actions.



**FFID:** MO757002429200

**Location (Size):** Kansas City, Missouri (429 acres)

**Mission:** Supported fighter and attack aircraft operations

HRS Score: N/A
IAG Status: N/A

**Contaminants:** POLs, PAHs, PCBs, VOCs, heavy metals,

SVOCs, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

IRP/MMRP Status Table:

Refer to page E-7-32

Funding to Date: \$ 12.1 million

Est. CTC (Comp Year): \$ 3.0 million (FY2999)

IRP Sites (Final RIP/RC): 12 (FY2004)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

### Introduction

Richards-Gebaur Air Reserve Station (ARS) formerly supported fighter and attack aircraft operations. Site types identified at the installation include a fire training area, vehicle maintenance areas, hazardous waste drum storage areas, fuel storage areas, and underground storage tanks. In July 1991, the BRAC Commission recommended closure of Richards-Gebaur ARS. The installation closed in September 1994. In FY94, Richards-Gebaur ARS formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community. The installation updated the community relations plan to indicate the status of cleanup efforts and identify ongoing opportunities for community involvement, the RAB adjourned in FY04. To ensure continuous monitoring and improvement, Richards-Gebaur ARS completed a five-year review report in FY07.

To date, Richards-Gebaur ARS has completed Decision Documents for three sites, which determined that no further cleanup actions were necessary. Richards-Gebaur ARS has signed Records of Decision selecting cleanup actions for Operable Units 1 and 2. The installation has transferred all property to the local communities (which are the cities of Kansas City and Belton) or assigned to the Navy and the Army. In FY06, the installation transferred environmental responsibility for Spill Sites 003 and 009 to the Navy. In FY04, Richards-Gebaur ARS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Restoration Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Richards-Gebaur ARS conducted annual groundwater monitoring and land use controls (LUC), which restrict the use of or access to sites, and institutional control (IC) inspections at four sites in FY10.

Technical and administrative issues delayed the five-year review report.

# **FY10 MMRP Progress**

Richards-Gebaur ARS has identified no MMRP sites.

### **Plan of Action**

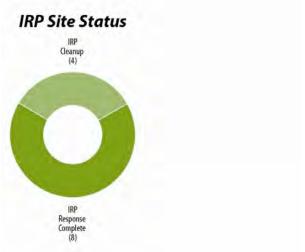
Plan of action items for Richards-Gebaur Air Reserve Station are grouped below according to program category.

### IRP

- Continue groundwater monitoring and LUC/IC inspections at four sites in FY11.
- Award a nine-year, multi-base performance-based contract in FY11.
- Complete the five-year review report in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** OH557002454400

**Location (Size):** Columbus, Ohio (2,076 acres)

Mission: Supported fighter, tanker, and cargo aircraft

operations

**HRS Score:** 50.00; proposed for NPL in January 1994

IAG Status: N/A

**Contaminants:** Pesticides, paints, POLs, solvents, heavy metals,

VOCs, SVOCs, explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 26.9 million

Est. CTC (Comp Year): \$ 7.9 million (FY2036)

IRP Sites (Final RIP/RC): 45 (FY2001)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-43

### Introduction

Rickenbacker Air National Guard Base (ANGB) formerly supported aircraft operations. The installation has identified groundwater sites contaminated with metals, pesticides, and volatile organic compounds (VOCs). The potential risk to human health and the environment was significant enough for EPA to propose placing the installation on the NPL in January 1994. The 1991 BRAC Commission recommended closure of Rickenbacker ANGB. The 1993 BRAC Commission recommended realignment rather than base closure, and the installation was realigned in September 1994. The installation has formed a BRAC cleanup team to develop a process for cleanup of sites. The installation also formed a Restoration Advisory Board in FY94 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY08.

To date, Rickenbacker ANGB has signed two Records of Decision, which selected cleanup actions at nine environmental restoration sites. The installation has also signed documents determining no further cleanup action is necessary at three areas of concern and 16 sites suspected to contain contamination for the Installation Restoration Program (IRP). Seven other IRP sites have been closed with regulatory concurrence. The installation has transferred over 1,700 acres to the local redevelopment authority. In FY04, Rickenbacker ANGB conducted an inventory of sites suspected to contain contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Rickenbacker ANGB continued groundwater monitoring at Sites 1, 21, 41, and 42. The installation also updated the administrative record.

The BRAC cleanup team met twice.

# **FY10 MMRP Progress**

Rickenbacker ANGB has no identified MMRP sites.

### Plan of Action

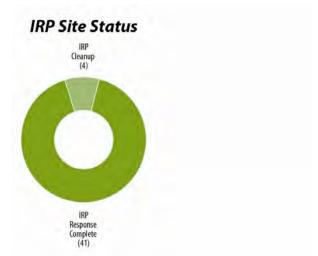
Plan of action items for Rickenbacker Air National Guard Base are grouped below according to program category.

### IRP

- Continue groundwater monitoring at Sites 1, 21, 41, and 42 in FY11.
- Perform a groundwater and soil delineation investigation at Site 1 in FY11.
- Update the land use control management plan, which restrict the use of or access to sites in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



F-162

Refer to page E-7-7

IRP/MMRP Status Table:

**FFID:** CA921382075900

Introduction

Army

Location (Size): Riverbank, California (172 acres)

Mission: Manufacture grenades, projectiles, and steel

cartridge casings

**HRS Score:** 63.94; placed on NPL in February 1990

In 1942, the Army constructed the Riverbank Army Ammunition Plant (AAP) as an aluminum reduction plant to supply military

Other manufactured products include grenades and projectiles.

requirements. Since 1951, the installation has manufactured brass and steel cartridge cases for the Army and the Navy.

which the Army ships to other ammunition plants for loading operations. Contaminated sites inlcude an industrial wastewater treatment plant, an abandoned landfill, and four evaporation

and percolation ponds located north of the plant near the

Stanislaus River. The potential risk to human health and the environment was significant enough for EPA to place the

an interagency agreement (IAG) in April 1990 to outline how they were going to proceed with cleanup. In 2005, the BRAC

Commission recommended Riverbank AAP for closure.

installation on the NPL in February 1990. DoD and EPA signed

Riverbank AAP formed a technical review committee in FY94 to

discuss the installation's cleanup progress with the community.

To ensure continuous monitoring and improvement, Riverbank

To date, the installation has completed one Record of Decision

(ROD), which selected cleanup actions for all sites. In FY03,

Riverbank AAP conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

AAP completed five-year review reports in FY01 and FY06.

IAG Status: IAG signed in April 1990
Contaminants: Chromium, cyanide, zinc, PCBs

Media Affected: Groundwater and Soil

Funding to Date: \$ 58.8 million

Est. CTC (Comp Year): \$ 1.4 million (FY2014)

IRP Sites (Final RIP/RC): 12 (FY1998)
MMRP Sites (Final RIP/RC): 1 (FY2008)

Five-Year Review Status: Completed and underway

# **FY10 IRP Progress**

Riverbank AAP investigated polychlorinated biphenyl (PCB) contamination resulting from asbestos-protected metal siding.

# **FY10 MMRP Progress**

Riverbank AAP conducted no MMRP actions.

### **Plan of Action**

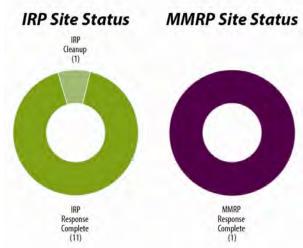
Plan of action items for Riverbank Army Ammunition Plant are grouped below according to program category.

### **IRP**

- Submit revised explanations for significant differences with the RODs for institutional controls and treatment in FY11.
- Conduct cleanup with ferrous iron treatment in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



IRP MMRP
Response Response
Complete Complete

**FFID:** GA457172433000

Location (Size): Houston County, Georgia (8,855 acres)

Mission: Provide logistics support for aircraft

HRS Score: 51.66; placed on NPL in July 1987

IAG Status: FFA signed in June 1989

**Contaminants:** VOCs, paint strippers and thinners, paints,

solvents, phosphoric and chromic acids, cyanide,

carbon, oils, TCE

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 194.8 million

Est. CTC (Comp Year): \$ 108.6 million (FY2028)

IRP Sites (Final RIP/RC): 48 (FY2005)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-61

### Introduction

The mission of Robins Air Force Base (AFB) is to provide logistics support for aircraft. Primary contaminants at the installation include trichloroethylene (TCE) and tetrachloroethane in soil and groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in June 1989 to outline how they were going to proceed with cleanup. The Robins AFB NPL site designation consists of landfill 004 and an adjacent sludge lagoon (Waste Pile site 14) and is divided into three operable units (OUs): source control (OU 1), wetlands (OU 2), and groundwater (OU 3). In August 2003, OU 2 was removed from the NPL designation and is addressed under RCRA. In 2005, the BRAC Commission recommended Robins AFB for realignment. The installation formed a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Robins AFB completed five-year review reports in FY01 and FY06.

To date, the installation has signed one Record of Decision, which selected cleanup actions for OUs 1 and 3.

# **FY10 IRP Progress**

Robins AFB continued operations and maintenance (O&M) activities at eight sites and maintained land use controls (LUCs), which restrict use of or access to four sites. Robins AFB began installation-level partnering with state regulators.

The RAB continued to meet quarterly to discuss ongoing partnering efforts with the Georgia Environmental Protection Department.

# **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.

### **Plan of Action**

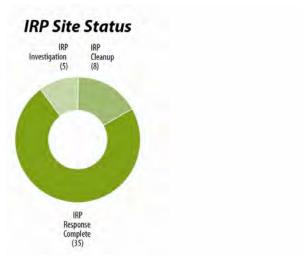
Plan of action items for Robins Air Force Base are grouped below according to program category.

### **IRP**

- Continue O&M activities at eight sites in FY11.
- · Maintain LUCs at four sites in FY11.
- Complete the five-year review report for the NPL site in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** CO821382076900

Location (Size): Adams County, Colorado (17,228 acres)

Mission: Manufactured and stored chemical munitions

**HRS Score:** 58.15; placed on NPL in July 1987

IAG Status: IAG and FFA signed in FY89

**Contaminants:** Pesticides, chemical agents, VOCs, chlorinated

organics, PCBs, UXO, heavy metals, solvents,

SVOCs

Media Affected: Groundwater and Soil Funding to Date: \$ 1,773.8 million

Est. CTC (Comp Year): \$ 170.4 million (FY2040)

IRP Sites (Final RIP/RC): 213 (FY2011)

MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and underway IRP/MMRP Status Table: Refer to page E-6-48

### Introduction

Rocky Mountain Arsenal (RMA) operated chemical munitions production and destruction facilities from 1942 until 1982. Contaminated sites have included liquid waste in unlined and lined basins, open burning and detonations areas, and structures and trenches that received both liquid and solid wastes. Primary contaminants of concern are compounds used for chemical weapons materiel production and pesticides. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) and a federal facility agreement (FFA) in FY89 to outline how they were going to proceed with cleanup. In 1994, RMA converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY08.

To date, RMA has transferred 15,743 acres. EPA delisted 15,906 acres from the NPL between FY03 and FY10. In FY96, RMA and regulators signed Records of Decisions (RODs) selecting cleanup actions for both operable units at the installation. RMA completed an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

RMA transferred 2,500 acres of land to the U.S. Fish and Wildlife Service and began its third five-year review report. The installation completed the construction of engineering controls at Basin A, Lime Basins, South Plants Balance of Areas Phase II, Complex Army Disposal Trenches, Shell Disposal Trenches, and Basin F/Basin F Exterior. In addition, RMA demolished the CERCLA wastewater treatment plant, the last of more than 750 structures identified for demolition. The cost of completing environmental restoration has changed significantly due to technical issues.

# **FY10 MMRP Progress**

RMA has identified no MMRP sites.

### **Plan of Action**

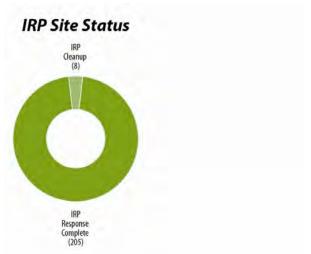
Plan of action items for Rocky Mountain Arsenal are grouped below according to program category.

### **IRP**

- Award the long-term operations and maintenance contract to manage the landfill caps, cover systems, and groundwater treatment systems in FY11.
- Complete the third five-year review report in FY11.
- Complete the Construction Completion Reports for Basin A, Lime Basins, South Plants Balance of Areas Phase II, Complex Army Disposal Trenches, Shell Disposal Trenches, the Enhanced Hazardous Waste Landfill, and Basin F/Basin F Exterior in FY11.
- Continue to operate the groundwater treatment systems in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Sacramento Army Depot NPL/BRAC 1991

**FFID:** CA921382078000

Location (Size): Sacramento, California (485 acres)

Mission: Repaired and maintained communications and

electronic equipment

**HRS Score:** 44.46; placed on NPL in July 1987

IAG Status: IAG signed in September 1988

Contaminants: Oil and grease, cyanide, metals, solvents, metal

\$ 69.2 million

plating wastes, wastewater containing caustics

Media Affected: Groundwater and Soil

Est. CTC (Comp Year): \$ 3.4 million (FY2017)

IRP Sites (Final RIP/RC): 16 (FY1997)

MMRP Sites (Final RIP/RC): None

Funding to Date:

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-7-7

### Introduction

Sacramento Army Depot (AD) provided support for communications and electronic equipment when in operation. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. In FY88, DoD and EPA signed an interagency agreement (IAG) to outline how they were going to proceed with cleanup. In 1991, the BRAC Commission recommended closure of Sacramento AD, and the installation closed in March 1995. In FY93, the installation completed a BRAC cleanup plan to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board (RAB) in FY94 to discuss its cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY01 and FY08.

To date, Sacramento AD has transferred all acreage. Sacramento AD divided its contaminated sites into four operable units (OUs). In FY92, the installation signed Records of Decision (RODs), which selected cleanup actions for all four OUs. Sacramento AD signed a ROD selecting cleanup actions for the entire installation in FY95. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Sacramento AD gathered data for inclusion in a future bioremediation pilot study and feasibility study (FS) to evaluate cleanup alternatives. The installation finalized the Berry Avenue extraction system work plan and continued groundwater monitoring and extraction. Moreover, Sacramento AD installed and began operating the Berry Avenue extraction system and soil vapor extraction pilot system.

## **FY10 MMRP Progress**

Sacramento AD has identified no MMRP sites.

# IRP Cleanup (1) IRP Response Complete (15)

### **Plan of Action**

Plan of action items for Sacramento Army Depot are grouped below according to program category.

### **IRP**

- Complete fact sheet to update the RAB on decisions, regulatory drivers and Army responsibilities influencing site cleanup in FY11.
- Complete easements on all properties associated with off-site monitoring and extraction wells in FY11.
- Continue soil vapor extraction pilot study and begin integrating findings into an FS for possible future actions in FY11-FY12.
- Continue groundwater extraction and monitoring and evaluate the efficiency of the Berry Avenue extraction system in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** CA917002320200

Location (Size): San Diego, California (541 acres)

**Mission:** Provided recruit training for enlisted personnel

and specialized training for officers and enlisted

personnel

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Pesticides, solvents, POLs, paints, VOCs,

SVOCs, metals, radioactive materials

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 37.2 million

Est. CTC (Comp Year): \$ 7.2 million (FY2015)

IRP Sites (Final RIP/RC): 10 (FY2014)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

IRP/MMRP Status Table:

five-year review report.

Refer to page E-7-8

### Introduction

Prior to its closure, San Diego Naval Training Center (NTC) provided recruit training for enlisted personnel and specialized training for officers and enlisted personnel. Sites include a landfill and petroleum-contaminated areas. In July 1993, the BRAC Commission recommended closure of San Diego NTC and relocation of personnel, equipment, and mission support to other naval training centers. The installation closed in April 1997. Certain installation facilities and activities continued to support other Navy operations in the San Diego area. In FY99, the installation updated its BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation also developed a community relations plan in FY92, which was updated in FY95. In FY94, San Diego NTC established a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community, and an information repository, containing the most current documents of the administrative record. The installation deactivated the RAB in 2004, but reestablished it in FY07.

To date, the installation has signed one Record of Decision which selected cleanup actions for environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

San Diego NTC met with regulators to discuss issues associated with the evaluation and cleanup of the Boat Channel (Site 12).

# **FY10 MMRP Progress**

San Diego NTC has identified no MMRP sites.

### **Plan of Action**

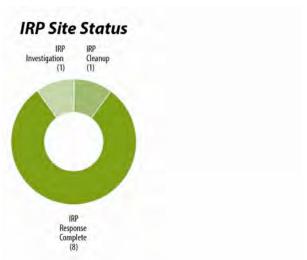
Plan of action items for San Diego Naval Training Center are grouped below according to program category.

### **IRP**

- Resolve issues with regulators regarding cleanup and finalize the feasibility study to evaluate cleanup alternatives for Site 12 in FY11.
- Begin the proposed plan for Site 12 in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



FFID: IL59799F217200

Location (Size): Carterville, Illinois (43,000 acres)

Mission: Manufactured and loaded ordnance for shipping

**HRS Score:** 43.70; placed on NPL in July 1987 IAG Status:

IAG signed in September 1991

Contaminants: Organic solvents, inorganic compounds, PAHs,

PCBs, munitions, heavy metals, VOCs,

explosives, SVOCs, propellants

Media Affected: Groundwater, Sediment, Soil

**Funding to Date:** \$ 11.4 million

Est. CTC (Comp Year): \$ 1.8 million (FY2004)

IRP Sites (Final RIP/RC): 4 (FY2004) MMRP Sites (Final RIP/RC): 1 (FY2003)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-8-21

### Introduction

The former Illinois Ordnance Plant, which operated from 1942 to 1945, is located on the eastern portion of the U.S. Fish and Wildlife Service's (FWS's) Crab Orchard National Wildlife Refuge. The ordnance plant served as a manufacturing and loading site for high-explosive shells, bombs, and other weapons components. The potential risk to human health and the environment was significant enough for EPA to place the property on the NPL in July 1987. DoD and EPA signed an interagency agreement (IAG) in September 1991, to outline how they were going to proceed with cleanup. The FWS established a technical working group in FY00 consisting of FWS, EPA, Illinois EPA, and the U.S. Army Corps of Engineers (USACE). To ensure continuous monitoring and improvement, USACE completed a five-year review report in FY07.

The installation initially identified 33 areas that required further investigation. The Army grouped these areas into four operable units (OUs): the Polychlorinated Biphenyls (PCBs) OU, the Metals OU, the Miscellaneous Area OU, and the Explosives and Munitions Manufacturing Area OU.

# **FY10 IRP Progress**

USACE completed revisions to the plan for potentially new investigations; no new investigations are planned at this time. USACE attended both technical working group meetings. This is the last narrative for this property, as cleanup is complete at all sites.

Administrative issues delayed completion of the potentially responsible parties (PRPs) inventory project report.

# **FY10 MMRP Progress**

Administrative issues delayed completion of the Military Munitions Response Program (MMRP) realignment process and MMRP project revision.

### **Plan of Action**

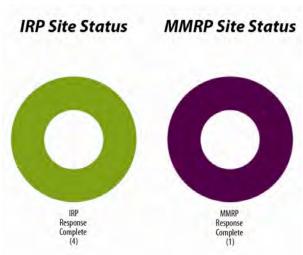
Plan of action items for Sangamo Electric Dump/Crab Orchard National Wildlife Refuge are grouped below according to program category.

### **IRP**

 Complete PRPs inventory project report in FY11.

### **MMRP**

- · Update long-term management sampling plan in
- · Complete MMRP realignment process and MMRP project revision in FY11.



F-167 **FUDS** 

Savanna Army Depot NPL/BRAC 1995

**FFID:** IL521382080300

Location (Size): Savanna, Illinois (13,062 acres)

**Mission:** Receive, store, and demilitarize ammunition;

manufacture

ammunition-specific equipment

HRS Score: 42.20; placed on NPL in March 1989

IAG Status: IAG signed in FY1989

**Contaminants:** Explosives, metals, solvents, POLs, VOCs,

SVOCs, propellants, BTEX, radioactive

materials, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 121.1 million

Est. CTC (Comp Year): \$84.0 million (FY2046)

IRP Sites (Final RIP/RC): 127 (FY2018)

MMRP Sites (Final RIP/RC): 15 (FY2018)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-6-77

### Introduction

Savanna Army Depot (AD) began operation in 1917 as the Savanna Proving Grounds. During the 1920s, the mission changed to include storage, receipt, issuance, demilitarization, and renovation of ammunition. Contaminanted areas include landfills; the open burning and open detonation ground; the fire training area; and ammunition load, assemble, and pack facilities. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in March 1989. DoD and EPA signed an interagency agreement (IAG) in FY89 to outline how they were going to proceed with cleanup. In July 1995, the BRAC Commission recommended closure of the Savanna Depot Activity and relocation of the Army Defense Ammunition Center and School to McAlester Army Ammunition Plant in Oklahoma. In FY96, Savanna AD formed a BRAC cleanup team to develop a process for cleanup of sites. In FY97, the installation completed a BRAC cleanup plan to prioritize sites requiring environmental restoration, and updated it in FY04, FY05, and FY08. In FY96, Savanna AD formed a Restoration Advisory Board (RAB) to discuss the installation's cleanup progress with the community.

To date, Savanna AD and regulators have signed three Records of Decision (ROD), which selected cleanup actions at sites and recommended no cleanup actions at one site. The installation has also transferred approximately 4,507 acres of land. The installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Savanna AD signed RODs for Sites 111 and 192, which selected cleanup actions for these sites. The installation also signed a No Further Action ROD for Site 44, determining that no further cleanup actions were necessary. The installation started cleanup fieldwork at Sites 111, 192, and 226 (J-609 Open Burn Area), and began the work plan for the removal actions at the Cosmoline Burial Pit. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

Regulatory issues delayed the transfer of U.S. Fish and Wildlife

Service Parcels 8C and 9. Regulatory issues also delayed the transfer of Local Redevelopment Authority (LRA) Parcel 14. The Sewage Treatment Plant Parcel is no longer a priority with the LRA.

The Savanna AD RAB met six times and discussed cleanup projects, property transfers, and the efforts of the LRA and U.S. Fish and Wildlife Service. The BRAC Cleanup Team, which includes representatives from the Army, EPA, and Illinois EPA, conducted monthly partnering phone conferences to prioritize sites requiring environmental restoration.

# **FY10 MMRP Progress**

Savanna AD completed munitions and explosives of concern (MEC) investigations at the Site 29 90-mm Case Test Area and the Site 50 open burning and open detonation (OB/OD) Area.

### **Plan of Action**

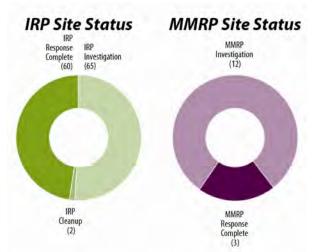
Plan of action items for Savanna Army Depot are grouped below according to program category.

### IRP

 Complete cleanup fieldwork at Sites 32 and 85 (bullet removal), 36 (Imhoff Tanks), 111, 122 (septic system closure), 192, 224 (Cosmoline Pit), and A-Area Det Pit asbestos in FY11.

### **MMRP**

- Complete the remedial investigation at the Site 50 OB/OD Area in FY11.
- Complete small arms ammunition removal at Site 223 in FY11-FY12.
- Resolve the land use control and MEC issues at LRA Parcel 14 in FY11-FY12.



Seneca Army Depot

NPL/BRAC 1995

**FFID:** NY221382083000

**Location (Size):** Romulus, New York (10,594 acres)

Mission: Received, stored, distributed, maintained, and

demilitarized conventional ammunition,

explosives, and special weapons

HRS Score: 37.30; placed on NPL in August 1990

IAG Status: FFA signed in January 1993

**Contaminants:** Heavy metals, radioactive isotopes, petroleum

hydrocarbons, VOCs, SVOCs, chlorinated

solvents, radioactive materials

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 105.5 million

Est. CTC (Comp Year): \$ 5.7 million (FY2022)

IRP Sites (Final RIP/RC): 72 (FY2011)

MMRP Sites (Final RIP/RC): 13 (FY2013)
Five-Year Review Status: Planned

**IRP/MMRP Status Table:** Refer to page E-7-39

### Introduction

During its operation, Seneca Army Depot (AD) stored munitions and supplies, and distributed them to the Army. The installation's operations included demilitarization and disposal of munitions and explosives of concern. Environmental studies identified the following sites or site types: an open burning ground, an ash landfill, other landfills, low-level radioactive waste burial grounds, underground storage tanks, spill areas, fire training areas, and munitions disposal areas. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1993 to outline how they were going to proceed with cleanup. In July 1995, the BRAC Commission recommended closing Seneca AD, except for an enclave to store hazardous materials and ores. In FY96, the installation established a BRAC cleanup team to develop a process for cleanup at Seneca AD. In September 2000, the installation closed. In FY96, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. The community formed a local reuse authority and began developing a land reuse plan.

To date, Seneca AD has transferred 9,808 acres, including 6,981 acres of Military Munitions Response Program (MMRP) sites. The installation has signed 14 Records of Decision (RODs), selecting cleanup actions at 65 areas of concern. The installation also has signed a ROD requiring no further cleanup actions at 22 sites. In FY03, Seneca AD completed an inventory of all sites suspected to contain munitions contamination for the MMRP: MMRP sites were identified.

# **FY10 IRP Progress**

Seneca AD performed annual monitoring of land use controls (LUCs), which restrict the use of and access to the Industrial Area. The installation also performed cleanup actions at Sites 6 and 25. Additionally, the installation completed cleanup actions at Sites 12 and 70 and closed Sites 11, 24, 48 and 59.

Regulatory issues delayed completion of the ROD for Site 12.

# **FY10 MMRP Progress**

Seneca AD began the removal action at Site 6R and continued long-term management at Site 1R.

Regulatory issues delayed completion of the ROD for Sites 2R, 3R and 7R.

### **Plan of Action**

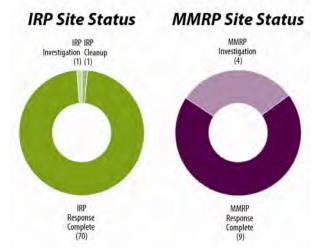
Plan of action items for Seneca Army Depot are grouped below according to program category.

### IRP

- Complete the five-year review report in FY11.
- Complete ROD for Site 12 in FY11.
- Monitor the LUC restrictions at the Industrial Area in FY11-FY12.
- Complete the transfer of property found suitable to transfer in FY11-FY12.
- Continue to monitor the cleanup at Sites 6 and 25 in FY11-FY12.

### **MMRP**

- · Complete ROD at Sites 2R, 3R and 7R in FY11.
- Continue removal actions at Site 6R in FY11-FY12.
- Complete transfer of sites found suitable to transfer in FY11-FY12.



**FFID:** CA921382084300

**Location (Size):** Herlong, California (37,977 acres)

Mission: Provide world-wide expeditionary logistics

support for the defenders of our Nation through: Long-term Storage, Maintenance, Care of

Supplies in Storage Reset, and

Container management, while embracing the

Army values

HRS Score: N/A

IAG Status: FFA signed in May 1991

**Contaminants:** Petroleum products, solvents, explosives, metals,

VOCs, TCE

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 96.7 million

Est. CTC (Comp Year): \$29.0 million (FY2030)

IRP Sites (Final RIP/RC): 48 (FY2012)
MMRP Sites (Final RIP/RC): 16 (FY2018)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-22

### Introduction

Sierra Army Depot (AD) provides logistics support, long-term storage, and maintenance. The mission resulted in contamination from burn trenches, explosives leaching beds. landfills, burial sites, spill sites, sewage lines, underground storage tanks (USTs), sumps, and fire training areas. Primary contaminants in soil and groundwater include trichloroethylene (TCE), petroleum products, and explosives. DoD and EPA signed a federal facility agreement (FFA) in May 1991 to outline how they were going to proceed with cleanup. The 1995 BRAC Commission recommended realignment of Sierra AD; the 2005 BRAC Commission recommended further realignment of Sierra AD. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. In FY97, the installation published the BRAC cleanup plan to prioritize sites requiring environmental restoration. The installation established a Restoration Advisory Board to discuss cleanup progress with the community in FY97. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY02 and FY07.

To date, Sierra AD has completed Records of Decision (RODs), selecting cleanup actions for 22 sites; 12 of these sites require no further cleanup action. The installation has transferred approximately 62,636 acres. Sierra AD conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Sierra AD continued bioremediation (reactive dechlorination) at four sites and installed an on-site groundwater treatment system. The installation also awarded a contract for a remedial investigation (RI) at a UST. The cost of completing environmental restoration has changed significantly due to technical issues.

Administrative issues delayed completion of the ROD for the off-site Building 210.

# **FY10 MMRP Progress**

Sierra AD received regulatory approval for a work plan for the Upper Burning Grounds and prepared a performance-based contract for eight sites. The installation also began an RI at the Building 640 UST.

# IRP IRP Investigation (2) (1) IRP Response Complete (45) IRP Investigation (9)

### **Plan of Action**

Plan of action items for Sierra Army Depot are grouped below according to program category.

### **IRP**

- Continue bioremediation at four sites in FY11.
- Install an off-site groundwater treatment system in FY11.
- Complete the ROD for the off-site Building 210 in FY11.
- Prepare preliminary assessments for previous compliance cleanup sites in FY11-FY12.
- Complete soil cleanup at the Defense Reutilization and Marketing Office (DRMO) and remove the soil vapor extraction system in FY11-FY12.

### **MMRP**

- Address newly discovered site at DRMO Yard in FY11
- Install engineering controls at sites in FY11.
- Conduct RIs at eight sites in FY11-FY12.

**FFID**: MA117002202200

**Location (Size):** Weymouth, Massachusetts (2,094 acres)

Mission: Provided logistical support for Reserve units and

the Marine Air Reserve Training Detachment

South Weymouth

**HRS Score:** 50.00; placed on NPL in May 1994

IAG Status: FFA signed in November 1999

Contaminants: UXO, VOCs, SVOCs, hydrocarbons, industrial

wastes, solvents, petroleum, acids, paints,

metals, photographic chemicals, explosives and

propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 64.4 million

Est. CTC (Comp Year): \$ 22.5 million (FY2041)

IRP Sites (Final RIP/RC): 13 (FY2014)
MMRP Sites (Final RIP/RC): 2 (FY2008)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-93

### Introduction

Prior to closure, South Weymouth Naval Air Station (NAS) provided logistical support for reserve units and the Marine Air Reserve Training Detachment South Weymouth. Prominent contaminated site types include landfills, underground storage tanks, a tank farm storing jet fuel, sewage treatment facilities, a rubble disposal area, and a fire training area. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in April 2000 to outline how they were going to proceed with cleanup. In July 1995, the BRAC Commission recommended closure of the South Weymouth NAS. The installation formed a BRAC cleanup team in FY92 to develop a process for cleanup of sites. Operations transferred to Brunswick NAS, and the installation closed in September 1997. Formed in FY92, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY94. In FY92, South Weymouth NAS established an administrative record and four information repositories, and also completed its community relations plan, which was updated in August 1998. The RAB received a technical assistance for public participation grant in FY99.

The installation has completed Records of Decision (RODs) selecting cleanup actions for for Sites 1 through 5, 7, and 8; Areas of Concern (AOCs) 4A, 8, 53, 55D, and Hangar 1; and review item areas (RIAs) 99, 10C, 104, and 62. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

# **FY10 IRP Progress**

South Weymouth NAS completed supplemental investigations at Sites 9, 10, and 11. The installation also completed the design for cleanup and cleanup actions at Site 3, and cleanup actions at AOC 55C. South Weymouth NAS completed RODs and no further action decision documents, which selected cleanup actions for one AOC and four RIAs.

Regulatory issues delayed final remedial investigation (RI) and feasibility studies (FSs) to evaluate cleanup alternatives at Sites 9, 10, and 11.

# **FY10 MMRP Progress**

Administrative issues delayed the completion of the FS, proposed plan (PP), and ROD for Unexploded Ordnance (UXO) 1. Technical issues delayed the implementation of land use controls (LUCs), which restrict the use of or access to UXO 1.

### **Plan of Action**

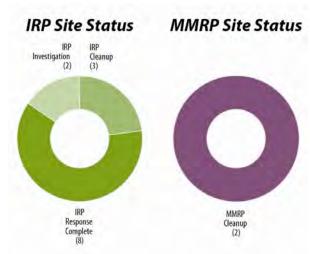
Plan of action items for South Weymouth Naval Air Station are grouped below according to program category.

### **IRP**

- · Complete RI/FS at Sites 9, 10 and 11 in FY11.
- Complete cleanup actions for Site 1 and AOC main gate encroachment area in FY11.
- Complete RODs determining that no further cleanup actions are necessary at AOC 55C and AOC MGEA in FY11-FY12.

### **MMRP**

- Complete the FS, PP, and ROD for UXO 1 in FY11.
- · Begin to implement LUCs at UXO 1 in FY11.



St. Juliens Creek Annex

**FFID:** VA317002758100

**Location (Size):** Chesapeake, Virginia (490 acres)

**Mission:** Provide radar testing range and various

administrative and warehousing facilities for the nearby Norfolk Naval Shipyard and other local

Navy activities

**HRS Score:** 50.0; placed on NPL in August 2000

IAG Status: FFA signed in July 2004

Contaminants: Pesticides, heavy metals, SVOCs, solvents, explosives, VOCs, propellants, radioactive

materials

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 26.5 million

Est. CTC (Comp Year): \$ 18.8 million (FY2039)

IRP Sites (Final RIP/RC): 16 (FY2012)
MMRP Sites (Final RIP/RC): 1 (FY2018)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-171

### Introduction

The St. Juliens Creek Annex has been used since 1849 for storing, loading, assembling, issuing, and receiving naval ammunition. Currently, St. Juliens Creek Annex provides a radar testing range and various administrative and warehousing facilities for the nearby Norfolk Naval Shipyard and other local Navy activities. Contamination resulted from past handling of and operations involving hazardous materials. The initial assessment study revealed low concentrations of ordnance materials throughout the installation. The potential risk to human health and the environment was significant enough for EPA to place the facility on the NPL in August 2000. In 2004, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. The installation established an administrative record in FY99. formed a Restoration Advisory Board in FY00 to discuss cleanup progress with the community, and completed a community relations plan in FY01. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY10.

The installation has completed a Record of Decision (ROD) for Site 6 in FY03, Site 4 in FY04, and Site 3 in FY06, which selected cleanup actions for these sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

St. Juliens Creek Annex completed a five-year review report, a feasibility study (FS) to evaluate cleanup alternatives and proposed cleanup plan for Site 2. The installation also completed the interim ROD and design for cleanup for the Site 21 interim (groundwater) remedy, and the draft remedial investigation and FS addendum, which reports the findings and recommendations of the vapor intrusion investigation. The cost of completing environmental restoration has changed significantly due to technical issues.

Technical issues delayed completion of the interim cleanup action at Site 5. Regulatory issues delayed the ROD for Site 2.

# **FY10 MMRP Progress**

St. Juliens Creek Annex completed the site inspection (SI) report for Unexploded Ordnance (UXO) site 001.

### **Plan of Action**

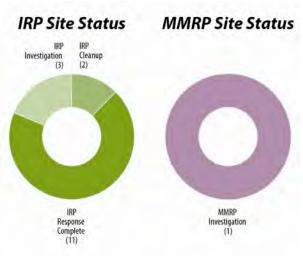
Plan of action items for St. Juliens Creek Annex are grouped below according to program category.

### **IRP**

- Complete ROD and design for cleanup for Site 2 in FY11.
- Complete interim cleanup action at Site 5 in FY11
- Complete the final ROD and design for cleanup for Site 21 in FY11.

### **MMRP**

 Complete sampling and draft SI addendum for UXO 001 in FY11-FY12.



Navy

**FFID:** CT121382292400

Location (Size): Stratford, Connecticut (77 acres)

Mission: Manufactured engines for heavy armor vehicles

and rotary wing aircraft

HRS Score: N/A
IAG Status: N/A

**Contaminants:** PCBs, asbestos, VOCs, solvents, metals, PAHs,

SVOCs, BTEX

Media Affected: Groundwater, Sediment, Soil

Funding to Date: \$ 18.6 million

Est. CTC (Comp Year): \$ 27.6 million (FY2019)

IRP Sites (Final RIP/RC): 4 (FY2019)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-6-51

### Introduction

Stratford Army Engine Plant formerly manufactured engines. Contaminated site types at the installation include transformers, underground storage tanks, sludge lagoons, a fire training and explosives equipment testing area, hazardous materials and hazardous waste storage areas, and buildings constructed with material containing asbestos. Studies show that contaminants include polychlorinated biphenyls (PCBs), fuel-related volatile organic compounds (VOCs), solvents, metals, polyaromatic hydrocarbons (PAHs), and asbestos. In July 1995, the BRAC Commission recommended closure of the Stratford Army Engine Plant, which closed in 1998. In FY96, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. The installation drafted a BRAC cleanup plan to prioritize sites requiring environmental restoration and updated the plan in FY97 and FY99. In FY96, the installation formed a Restoration Advisory Board to discuss the installation's cleanup progress with the community. The community formed a local redevelopment authority to address socioeconomic issues related to the closure of the installation and to develop a land reuse plan. Stratford Army Engine Plant also implemented a community relations plan, which included the establishment of an on-site public information repository.

In FY02, Stratford Army Engine Plant conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# FY10 IRP Progress

The Connecticut Department of Environmental Protection issued a RCRA permit to Stratford Army Engine Plant. According to the permit, the installation must modify its plans to complete a proposed plan and Record of Decision. To comply, the installation submitted schedules and conceptual plans for corrective action and closure activities to the Connecticut Department of Environmental Protection. The cost of completing environmental restoration has changed significantly due to regulatory issues and changes in estimating criteria.

# **FY10 MMRP Progress**

Stratford Army Engine Plant has identified no MMRP sites.

### **Plan of Action**

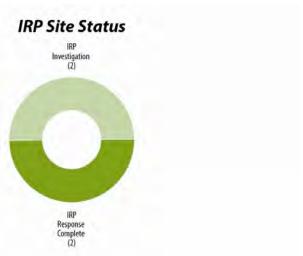
Plan of action items for Stratford Army Engine Plant are grouped below according to program category.

### **IRP**

- Submit closure plans and reports for the five hazardous waste storage areas in FY11.
- Submit a revised post-closure plan for surface inpoundments in FY11.
- Submit cleanup goals for sediment in FY11.
- Conduct groundwater monitoring in FY11.
- Prepare a cleanup plan for offsite groundwater migration in FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Refer to page E-6-132

IRP/MMRP Status Table:

**FFID:** OK657172439100

Location (Size):Oklahoma City, Oklahoma (5,041 acres)Mission:Repair aircraft, weapons, and enginesHRS Score:42.24; placed on NPL in July 1987IAG Status:FFA signed in December 1988

**Contaminants:** Organic solvents, heavy metals, petroleum,

phenols, VOCs, SVOCs, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 222.5 million

Est. CTC (Comp Year): \$47.5 million (FY2023)

IRP Sites (Final RIP/RC): 55 (FY2008)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

### Plan of Action

Plan of action items for Tinker Air Force Base are grouped below according to program category.

### **IRP**

- Continue O&M at active recovery systems in FY11.
- Complete phase II of the update to Building 3001 contaminated area status and risk assessment for the amended ROD in FY11.
- Complete study for additional remedy technologies for Building 3001 in FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

### Introduction

The mission of Tinker Air Force Base (AFB) is to repair aircraft, weapons, and engines. Environmental studies at Tinker AFB revealed a 220-acre contaminated area in the upper aguifer at Soldier Creek and Building 3001. Additional sites at Tinker AFB include landfills, underground storage tanks, waste pits, fire training areas, spill sites, and low-level radioactive waste sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. The NPL designation consists of the Building 3001 and Soldier Creek sites. DoD and EPA signed a federal facility agreement (FFA) in December 1988 to outline how they would proceed with cleanup. In 2005, the BRAC Commission recommended Tinker AFB for realignment. The installation formed a Restoration Advisory Board in FY94 to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, Tinker AFB completed five-year review reports in FY99, FY03, and FY07.

To date, the installation has signed Records of Decision (RODs) which selected cleanup actions for Building 3001 and Soldier Creek. In FY05, the Air Force conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Tinker AFB completed phase I of the update to Building 3001 contaminated area status and risk assessment for the amended ROD, which selected cleanup actions.

Administrative issues delayed the continuation of operation and maintenance (O&M) of active recovery systems, and optimizing all active cleanup systems. Technical issues delayed the completion of the update to Building 3001's contaminated area status and risk assessment for the amended ROD.

# **FY10 MMRP Progress**

The Air Force is reviewing its inventory of sites known or suspected of containing munitions for the MMRP.



Tobyhanna Army Depot

NPL

**FFID:** PA321382089200

**Location (Size):** Tobyhanna, Pennsylvania (1,296 acres)

**Mission:** Provide logistics for communications and

electronics equipment

HRS Score: 37.93; placed on NPL in August 1990

IAG Status: IAG signed in September 1990

Contaminants: Heavy metals, solvents, VOCs, PCBs, POLs,

UXO

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 18.5 million

Est. CTC (Comp Year): \$ 1.1 million (FY2012)

IRP Sites (Final RIP/RC): 67 (FY2005)
MMRP Sites (Final RIP/RC): 6 (FY2012)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-7-45

### Introduction

Tobyhanna Army Depot (AD) provides support for communications and electronics equipment. Contaminated sites include landfills, a disposal pit, underground storage tanks, burn areas, drum staging areas, a surface disposal area, a waste treatment plant, a spill site area, an unexploded ordnance (UXO) area, and a fire fighting training area. Contamination at these sites has included volatile organic compounds (VOCs), solvents, and heavy metals in groundwater; solvents, metals, polychlorinated biphenyls (PCBs), and petroleum/oil/lubricants (POLs) in surface water and sediment; and solvents, metals, PCBs, POLs, and UXO in soil. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in August 1990. DoD and EPA signed an interagency agreement (IAG) in September 1990 to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended Tobyhanna AD for realignment. In FY95, the installation formed a Restoration Advisory Board to discuss cleanup progress with the community and, in FY98, the installation completed a community relations plan. To ensure continuous monitoring and improvement, Tobyhanna AD completed five-year review reports in FY02 and FY07.

Environmental studies beginning in FY80 have identified 65 areas of concern (AOCs) covering the entire installation; EPA partially delisted 62 of the AOCs from the NPL in FY01. Tobyhanna AD has completed six Records of Decision, which selected cleanup actions for environmental restoration sites. In FY02, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

# **FY10 IRP Progress**

Tobyhanna AD continued long-term groundwater monitoring at Operable Units (OUs) 1, 5, and Area U. In addition, the installation began off-post residential sampling for vapor intrusion and investigative study.

# **FY10 MMRP Progress**

Tobyhanna AD completed UXO removal actions to support the main gate expansion project and the BRAC 2005 realignment. In addition, the installation completed fence maintenance to control access to OU 4.

### **Plan of Action**

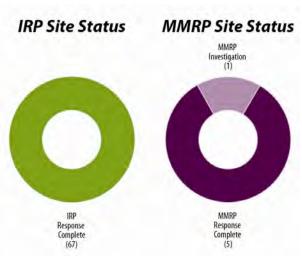
Plan of action items for Tobyhanna Army Depot are grouped below according to program category.

### IRP

- Complete long-term groundwater monitoring (including two new wells) at OUs 1, 5, and Area U in FY11.
- Complete off-post residential sampling for vapor intrusion and investigative study in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



Tooele Army Depot NPL/BRAC 1993

IRP/MMRP Status Table:

Refer to page E-6-165

**FFID:** UT821382089400

Location (Size):Tooele, Utah (24,732 acres)Mission:Store and demilitarize munitionsHRS Score:53.95; placed on NPL in August 1990

IAG Status: FFA signed in September 1991

**Contaminants:** Metals, VOCs, SVOCs, propellants, explosives,

petroleum hydrocarbons, PCBs, solvents

Media Affected: Groundwater

Funding to Date: \$ 130.2 million

Est. CTC (Comp Year): \$ 38.8 million (FY2017)

IRP Sites (Final RIP/RC): 64 (FY2014)
MMRP Sites (Final RIP/RC): 8 (FY2016)

Five-Year Review Status: Completed and planned

Technical issues delayed the complete implementation of cleanup actions for groundwater contamination at SWMUs 2 and 58. Technical issues delayed implementation of cleanup actions of source areas at SWMU 58.

# Introduction

Tooele Army Depot (AD) stores and demilitarizes munitions. Sites identified at Tooele AD include open burning and open detonation areas, ammunition demilitarization facilities, landfills, firing ranges, industrial sites, underground storage tanks, surface impoundments, and drain fields. Organic solvents and metals are the primary site contaminants. The potential risk to human health and the environment was significant enough for EPA to place Tooele AD on the NPL in August 1990. The Army and EPA signed a federal facility agreement (FFA) in September 1991 to outline how they were going to proceed with cleanup. In 1993, the BRAC Commission recommended realignment of the Tooele AD maintenance missions with the installation retaining its conventional ammunition storage and demilitarization mission. During FY94, the installation formed a BRAC cleanup team to develop a process for cleaning up sites and a Restoration Advisory Board to discuss the installation's cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed five-year review reports for all sites in FY02 and FY07.

To date, Tooele AD has competed four Records of Decision, which selected cleanup actions at seven operable units. The installation transferred 41 acres to the Tooele City Redevelopment Agency in FY96 and the remaining BRAC property consisting of 1,663 acres in FY99. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Tooele AD began implementing cleanup actions at Solid Waste Management Unit (SWMU) 58. Cleanup actions consist of installing and operating soil vapor extraction systems. The installation continued an evaluation of cleanup actions for groundwater contamination at SWMUs 2 and 58. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

# **FY10 MMRP Progress**

The installation completed removal of lead-contaminated soil from the Old Burn Area (formerly SWMU 6) and remedial investigation (RI) fieldwork at all sites.

### **Plan of Action**

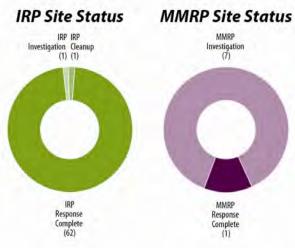
Plan of action items for Tooele Army Depot are grouped below according to program category.

## **IRP**

- Complete cleanup actions of source areas at SWMU 58 in FY11.
- Select groundwater cleanup actions at SWMUs 2 and 58 in FY11.

### **MMRP**

- · Publish RI report for all sites in FY11.
- Begin feasibility study to evaluate cleanup alternatives for two sites in FY12.



Travis Air Force Base NPI

FFID: CA957182457500

Location (Size): Solano County, California (6,383 acres)

Mission: Provide air refueling and strategic airlift services

**HRS Score:** 29.49; placed on NPL in November 1989

IAG Status: FFA signed in September 1990; amended May 1993, October 1995, July 1996, November 1997,

July 1998, December 2003, February 2005

MMRP Sites (Final RIP/RC): 2 (FY2014)

Contaminants: VOCs, heavy metals, POLs, PAHs, SVOCs,

TCE, solvents, pesticides, PCBs, PAHs, BTEX

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 116.3 million

Est. CTC (Comp Year): \$ 50.7 million (FY2036)

IRP Sites (Final RIP/RC): 48 (FY2012) Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-33

### Introduction

Travis Air Force Base (AFB) was established in 1943. Contaminated sites include old landfills, a closed sewage treatment plant, four fire training areas, a cyanide disposal pit, solvent spill areas, a storm sewage drainage system, a pesticide disposal site, and a low-level radioactive waste burial site. Past activities at the installation resulted in the release of metals, pesticides, fuels, solvents, and petroleum/oils/lubricants (POLs), which migrated into the soil, sediment, surface water, and groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in November 1989. DoD and EPA signed a federal facility agreement (FFA) in September 1990, which was last updated in FY05, to outline how Travis AFB was going to proceed with cleanup. In FY95, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community. The installation received funding for technical assistance for public participation in FY99. To ensure continuous monitoring and improvement, Travis AFB completed five-year review reports in FY03 and FY08.

Cleanup activities at the installation were initially divided into four operable units (OUs), but were later regrouped by similar contaminants into two OUs. Travis AFB signed two interim Records of Decision (RODs) in 1997 and 1999, which selected interim groundwater cleanup actions for the two OUs. In addition, the installation signed a ROD in 2002 to select cleanup actions for soil cleanup at the West/Annexes/Basewide OU. The installation has completed all cleanup actions for soil sites in the West/Annexes/Basewide OU. Travis AFB also signed a ROD in 2006 for the North, East, and West Industrial OU and for soil, sediment, and surface water cleanup. In FY05, Travis AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); two MMRP sites were identified.

# FY10 IRP Progress

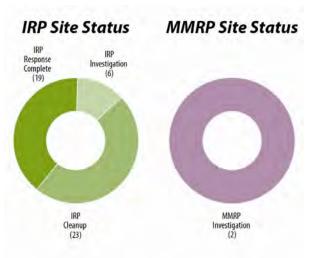
Travis AFB updated the quality assurance plan and field sampling plan. The installation completed an assessment report on cleanup using natural processes and a vapor intrusion assessment report with support from the Technical Focus Group members of the RAB. Travis AFB developed five site project work plans, and prepared the first and second Disposal

Pit (DP) site 039 Sustainable Bio-reactor Progress Reports. The installation also began construction of the Site 018 methyl tertiary butyl ether treatment system, developed the DP 039 bio-barrier, completed soil characterization at Fire Training site 005, installed the second solar powered bio-reactor, and performed oil injections at Sediment (SD) site 037 and DP 039. Travis AFB completed the annual report for land use control. which restricted the use of or access to sites; the corrective action management unit report; and the groundwater sampling and analysis program report. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory and technical issues delayed completion of the feasibility study (FS) to evaluate cleanup alternatives for remaining groundwater sites, and the proposed plan (PP) and ROD for remaining groundwater sites.

# **FY10 MMRP Progress**

Travis AFB completed the site inspection (SI) and developed the SI report which is under regulatory review.



### **Plan of Action**

Plan of action items for Travis Air Force Base are grouped below according to program category.

### IRP

- Develop the PP in preparation for a public meeting in FY11.
- · Complete the ROD for the remaining groundwater sites in FY11.
- Complete the FS for remaining groundwater sites in FY11.

### **MMRP**

- · Conduct a removal action at the Old Skeet Range, munitions response area (MRA) TS 060 in FY11-FY12.
- · Prepare an after action report for the Old Skeet Range, MRA TS 060 in FY11-FY12.
- Prepare an Explosive Safety Submission indicating no DoD action necessary for the Old Skeet Range and former munitions storage area in FY11-FY12.

F-177 Air Force

Treasure Island Naval Station BRAC 1993

**FFID:** CA917002333000

**Location (Size):** Treasure Island, California (1,075 acres)

**Mission:** Provide services and materials to support units of

operating forces and shore activities

HRS Score: N/A

IAG Status: FFSRA signed in September 1992

**Contaminants:** Petroleum hydrocarbons, VOCs, SVOCs,

chlorinated solvents, metals, pesticides, PCBs,

explosives, propellants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 165.5 million

Est. CTC (Comp Year): \$ 26.8 million (FY2032)

IRP Sites (Final RIP/RC): 35 (FY2016)

MMRP Sites (Final RIP/RC): None
Five-Year Review Status: Planned

IRP/MMRP Status Table: Refer to page E-6-29

### Introduction

Treasure Island Naval Station (NS) provides services and materials to support units of operating forces and shore activities. Contamination is largely the result of migration of petroleum products from fueling operation areas and disposal of waste materials. Sites include former fire training areas, a landfill, a former dry cleaning facility, an old bunker area, fuel farms, a service station, and a waterline replacement area. DoD and EPA signed a federal facility site remediation agreement (FFSRA) in September 1992 to outline how they were going to proceed with cleanup. In July 1993, the BRAC Commission recommended closure of Treasure Island NS with relocation of the Naval Reserve Center and the Naval Technical Training Center. The installation completed operational closure in September 1997. In FY92, the installation established two information repositories and an administrative record, and completed a community relations plan, which was updated in FY02 and FY08. Formed in FY92, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY94. The RAB received a technical assistance for public participation grant in FY99.

To date, the installation has signed Records of Decision (RODs) for Sites 30 and 31, which selected cleanup actions for those sites. The installation also signed five RODs requiring no further action at Sites 9, 10 and 13. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

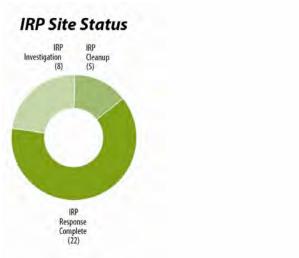
# **FY10 IRP Progress**

Treasure Island NS completed cleanup of polychlorinated biphenyls (PCBs) in soils at Site 32 under the Toxic Substances Control Act. Treasure Island NS also completed an interim remedial investigation (RI) at Site 11, and an RI at Site 33. The installation also completed feasibility studies (FSs) to evaluate cleanup alternatives for Site 27, a proposed plan (PP) for Site 28, and a design for cleanup at Site 31. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed regulatory concurrence for closure of the Petroleum Site 25, the RI at Site 12, and PPs for Sites 21 and 24. Technical issues delayed completion of removal actions at 12 Solid Waste Disposal Areas, the RI at Site 6, and radiological fieldwork for the sewer drain systems associated with Building 233. Administrative issues delayed the FS for Site 33. Regulatory issues delayed the PP for Site 27 and cleanup completion at Site 31.

# **FY10 MMRP Progress**

Treasure Island NS has identified no MMRP sites.



### **Plan of Action**

Plan of action items for Treasure Island Naval Station are grouped below according to program category.

### **IRP**

- Complete cleanup at Site 31 in FY11.
- Receive regulatory concurrence for closure of Petroleum Site 25 in FY11.
- Complete removal action at 12 Solid Waste Disposal Areas in FY11.
- Complete RIs for Sites 6 and 12; an FS for Site 33; and PPs for Sites 21, 24, and 27 in FY11
- Complete radiological fieldwork for the sewer drain systems associated with Building 233 in FY11.
- Complete ROD for Site 28 and cleanup action at Site 31 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

IRP/MMRP Status Table:

Refer to page E-6-110

**FFID**: NJ217002269500

Location (Size): Trenton, New Jersey (529 acres)

Mission: Test engine systems and components

HRS Score: N/A
IAG Status: N/A

**Contaminants:** Freon, mercury, solvents, fuels, VOCs, SVOCs,

metals, TCE

Media Affected: Groundwater and Soil

Funding to Date: \$ 28.2 million

Est. CTC (Comp Year): \$ 22.0 million (FY2041)

IRP Sites (Final RIP/RC): 11 (FY2006)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned

# Plan of Action

Plan of action items for Trenton Naval Air Warfare Center Aircraft Division are grouped below according to program category.

### **IRP**

- Conduct evaluation to reduce infiltration into storm sewers in FY11-FY12.
- Continue O&M of groundwater treatment system in FY11-FY12.
- Complete classification exception area report for groundwater and submit to New Jersey Department of Environmental Protection in FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

### Introduction

Trenton Naval Air Warfare Center (NAWC) Aircraft Division tests engine systems and components. Site types include underground storage tanks, disposal areas, and spill sites. Contamination at the installation resulted from various fuels used to operate engines during tests and from trichloroethylene (TCE), ethylene glycol, and freon used to cool the air entering the engines. Investigations have detected residues of fuels and solvents in the groundwater and soil. In July 1993, the BRAC Commission recommended closure of Trenton NAWC. Operations were transferred to the Arnold Engineering Development Center and the Patuxent River Naval Air Station in December 1998. Formed in FY91, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY93; the RAB formally adjourned in FY01. To ensure continuous monitoring and improvement, Trenton NAWC completed five-year review reports in FY04 and FY09.

In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

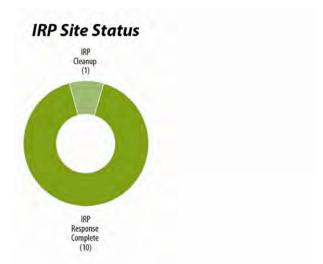
# **FY10 IRP Progress**

Trenton NAWC continued operations and maintenance (O&M) of the groundwater treatment system. The installation also completed the Biennial Certification for Deed Notice and engineering controls for soil sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Trenton NAWC performed public outreach and notifications.

# **FY10 MMRP Progress**

Trenton NAWC has identified no MMRP sites.



**FFID**: AZ957282593400

Location (Size): Tucson, Arizona (84 acres)

Mission: Provide Air National Guard training

**HRS Score:** 57.86; placed on NPL in September 1983

IAG Status: FFA signed in October 1994

**Contaminants:** POLs, petroleum hydrocarbons, TCE, chromium,

PCE, VOCs

Media Affected: Groundwater and Soil

Funding to Date: \$ 18.4 million

Est. CTC (Comp Year): \$ 3.2 million (FY2017)

IRP Sites (Final RIP/RC): 8 (FY1997)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table:

Refer to page E-7-5

### Introduction

The Air National Guard (ANG) base at Tucson International Airport (IAP) provides fighter pilot training and is home to the 162nd Fighter Wing. The installation is part of the Tucson IAP. In addition to the ANG base, the IAP (covering approximately 10 square miles) includes Air Force Plant 44, airport property owned by the City of Tucson (and managed by the Tucson Airport Authority), adjacent Indian reservation property, and several residential areas in Tucson and South Tucson. Sites identified at this installation include fire training areas, solvent dumping areas, storm drainage discharge areas, the old wash rack area, petroleum/oil/lubricant (POL) areas, and spill areas. The principal contaminant is trichloroethylene (TCE) in groundwater, but tetrachloroethylene (PCE) and chromium are also present. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in September 1983. DoD and EPA signed a federal facility agreement (FFA) covering the 84-acre ANG base in October 1994 to outline how they were going to proceed with cleanup. In FY95, the installation formed a Restoration Advisory Board to discuss the installation's cleanup progress with the community. To aid in environmental cleanup, the installation also established successful partnerships with citizens and regulators through the Unified Community Advisory Board (UCAB). To ensure continuous monitoring and improvement, Tuscon IAP completed five-year review reports in FY03 and FY09.

To date, the installation has signed one Record of Decision (ROD), which selected cleanup actions at eight sites. In FY05, Tuscon IAP conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Tucson IAP continued operation and maintenance (O&M) of the groundwater treatment system, basewide groundwater monitoring, and partnerships with EPA, the Arizona Department of Environmental Quality, and the UCAB. The installation also completed a chemical injection pilot test at groundwater wells, and maintained regulatory compliance within the framework of the FFA.

# **FY10 MMRP Progress**

Tucson IAP has identified no MMRP sites.

### **Plan of Action**

Plan of action items for Tucson International Airport are grouped below according to program category.

### **IRP**

- Continue O&M of the groundwater treatment system in FY11-FY12.
- Continue basewide groundwater monitoring activities in FY11-FY12.
- Continue partnering with EPA, Arizona
  Department of Environmental Quality, and the
  UCAB, and participate in the development of a
  new proposed plan and ROD for Area B of the
  Tucson IAP Superfund Site in FY11-FY12.
- Maintain regulatory compliance within the framework of the FFA in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

# IRP Site Status

**FFID:** CA917302478300

Location (Size): Tustin, California (1,603 acres)

Mission: Supported operations of the Third Marine Aircraft

Wing

HRS Score: N/A

IAG Status: FFSRA signed in August 1999

**Contaminants:** MTBE, petroleum hydrocarbons,

pentachlorophenol, naphthalene, BTEX, TCP, SVOCs, metals, dichloroethane, dichloroethene,

TCE, VOCs

Media Affected: Groundwater and Soil

Funding to Date: \$ 70.9 million

Est. CTC (Comp Year): \$ 14.8 million (FY2042)

IRP Sites (Final RIP/RC): 12 (FY2037)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-30

### Introduction

Tustin Marine Corps Air Station (MCAS) supports operations of the Third Marine Aircraft Wing. These operations have resulted in groundwater and soil contamination. DoD and EPA signed a federal facility site remediation agreement in FY99 to outline how they were going to proceed with cleanup. In FY94, the installation formed a BRAC cleanup team to develop a process for the cleanup of sites. In July 1991, the BRAC Commission recommended closure of Tustin MCAS with retention of the family housing and related personnel facilities to support El Toro MCAS. In FY93, the commission recommended closure of Tustin MCAS, which included those support facilities retained at Tustin MCAS. In FY94, Tustin MCAS formed a Restoration Advisory Board to discuss cleanup progress with the community. The installation regularly updates two administrative records and two information repositories. To ensure continuous monitoring and improvement, Tustin MCAS completed a five-year review report at Operable Unit (OU) 3 in FY07.

To date, the installation has signed Records of Decision (RODs), which selected cleanup actions for 6 sites. The installation also transferred over 1,300 acres of property. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Tustin MCAS continued cleanup at the Methyl Tertiary Butyl Ether (MTBE)-contaminated area (Underground Storage Tank [UST] 222), and long-term management (LTM) activities at OU 3. The installation completed the final ROD and began a design for cleanup and cleanup activities at OU 4B. Tustin MCAS also completed the final operating properly and successfully report, and continued operations and maintenance (O&M) activities at OUs 1A and 1B.

### **FY10 MMRP Progress**

Tustin MCAS has identified no MMRP sites.

# IRP Cleanup (5) IRP Response Complete (7)

### **Plan of Action**

Plan of action items for Tustin Marine Corps Air Station are grouped below according to program category.

### **IRP**

- Continue cleanup at the MTBE-contaminated area (UST 222) in FY11.
- Complete pre-design pilot study and issue the cleanup design and work plans for the Low Concentration Sites and Moderate Concentration Sites at OU4B in FY11-FY12.
- Continue O&M activities at OUs 1A and 1B and complete an Annual Performance Evaluation Report in FY11-FY12.
- Continue LTM activities at OU3 in FY11-FY12.
- Continue implementation of petroleum corrective action activities at UST 222 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** MN521382090800

Location (Size): Arden Hills, Minnesota (2,370 acres)

Mission: Provide support to DoD tenants; formerly

manufactured small-arms ammunition and

projectile casings

**HRS Score:** 59.60; placed on NPL in September 1983

IAG Status: FFA signed in August 1987

Contaminants: VOCs, PCBs, heavy metals, SVOCs

Media Affected: Surface Water and Sediment

Funding to Date: \$ 162.5 million

Est. CTC (Comp Year): \$80.4 million (FY2040)

IRP Sites (Final RIP/RC): 26 (FY2011)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-98

### Introduction

Twin Cities Army Ammunition Plant (AAP) formerly manufactured small arms ammunition and projectile casings, and supported DoD tenants. The installation grouped sites requiring environmental restoration, including former landfills, burning and burial grounds, ammunition testing and disposal sites, industrial operations buildings, and sewer system discharge areas, into three Operable Units (OUs). Past waste disposal practices released contaminants into soil, groundwater, and sediment. Contaminated groundwater has impacted municipal water supplies. Ammunition-related metals, volatile organic compounds (VOCs), and polychlorinated biphenyls (PCBs) are the primary soil contaminants at Twin Cities AAP. The potential risk to human health and environment was significant enough for EPA to place the installation on the NPL in September 1983. DoD and EPA signed a federal facility agreement (FFA) in 1987 to outline how they were going to proceed with cleanup. In 1985, Twin Cities AAP established a technical review committee to discuss the installation's cleanup progress with the community, and converted it into a Restoration Advisory Board (RAB) in FY96. Twin Cities AAP procured funding for technical assistance for public participation to support the RAB in FY99. To ensure continuous monitoring and improvement, the installation completed five-year review reports for OUs 1, 2, and 3 in FY99, FY04, and FY09.

Twin Cities AAP has signed three Records of Decision selecting cleanup actions for 19 sites. In FY03, the installation conducted an inventory of sites suspected to contain munitions contaminations for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Twins Cities AAP obtained approval for the OU 2 land use control design for cleanup, which puts land use controls into effect. The installation also completed contracting for additional sampling at the Aquatic Sites. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed approval for various soil closeout reports and completion of the feasibility study (FS) to evaluate cleanup alternatives at the Aquatic Sites. Administrative issues delayed the complete transfer of the remaining 585 acres, including Area 135.

# **FY10 MMRP Progress**

Twin Cities AAP has identified no MMRP sites.

# IRP IRP Cleanup (8) IRP Response Complete (17)

### **Plan of Action**

Plan of action items for Twin Cities Army Ammunition Plant are grouped below according to program category.

### IRP

- Obtain approval for various soil closeout reports at the Aquatic Sites in FY11.
- Obtain approval for the FS at Rice Creek, Sunfish Lake, Marsden Lake, and Pond G, and subsequent signature of the decision document (DD) in FY11.
- Complete additional sediment testing at Round Lake in FY11.
- Complete transfer of the remaining 585 acres, including Area 135, in FY11-FY12.
- Obtain approval for the FS for Round Lake, and subsequent signature of the DD in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

**FFID:** FL457152412400

**Location (Size):** Panama City, Florida (28,824 acres)

**Mission:** Provide advanced F-15 and F-22 fighter training

HRS Score: 50.00; placed on NPL in April 1997

IAG Status: FFA under negotiation

**Contaminants:** POLs, chlorinated solvents, pesticides, metals,

PCBs, general refuse, VOCs, SVOCs, PCBs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 43.0 million

Est. CTC (Comp Year): \$ 28.2 million (FY2038)

IRP Sites (Final RIP/RC): 92 (FY2020)
MMRP Sites (Final RIP/RC): 11 (FY2021)
Five-Year Review Status: Planned

**IRP/MMRP Status Table:** Refer to page E-6-56

### Introduction

Tyndall Field was activated in 1941 and served as the Flexible Gunnery School of the U.S. Army Air Corps. The installation became Tyndall Air Force Base (AFB) in 1947, and its current mission F-22 Raptor fighter training and air battle management under the 325th Fighter Wing. The primary contaminant of concern is DDT in the sediments. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in April 1997. A federal facility agreement (FFA) between DoD and EPA is currently under negotiation and will outline how DoD and EPA will proceed with cleanup when signed. The 2005 BRAC Commission recommended Tyndall AFB for realignment.

Tyndall AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

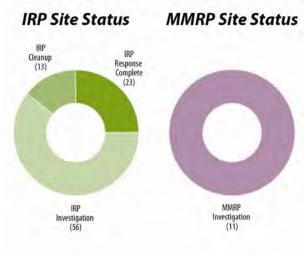
# **FY10 IRP Progress**

Tyndall AFB acquired eight additional sites as a result of the addition of Compliance Restoration Program sites; this site count is under negotiation with EPA.

Regulatory issues delayed Tyndall AFB signing the FFA with EPA and the Florida Department of Environmental Protection. Regulatory issues also delayed additional investigation on Landfills (LFs) 001, 003, 006, 007, Firing Range (FR) 038, Spill Sites (SS) 015 and 026. Regulatory issues delayed closures at Fire Training Sites 016, 017, 023, Other (OT) Site 018, and SS 019. Regulatory issues also delayed the completion of a remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives at OT 029 and Debris (DB) Site 039. Regulatory issues also delayed the completion of site characterization, FSs, and select cleanup actions for LFs 001, 003, 005, 006, 007, SS 026, and FR 038. The cost of completing environmental restoration has changed significantly due to regulatory and technical issues.

# **FY10 MMRP Progress**

Regulatory issues delayed completing the site inspection (SI) and beginning the RI.



### **Plan of Action**

Plan of action items for Tyndall Air Force Base are grouped below according to program category.

### **IRP**

- Sign FFA with EPA and the Florida Department of Environmental Protection in FY11.
- Perform additional investigation on LFs 001, 003, 005, 006, 007, FR 038, SSs 015 and 026 and Sites 239 and 264/280 in FY11.
- Close Fire Training Sites 016, 017, 023, OT 018, and SS 019 in FY11.
- Conduct RI/FS at OT 029 and DB Site 039 in FY11.

### **MMRP**

- · Complete SI in FY11.
- Identifiv sites requiring RIs in FY11.

FFID: MA121382063100

Location (Size): Natick, Massachusetts (78 acres)

Mission: Research and develop food, clothing, equipment,

and materials for military operations

HRS Score: 50.00; placed on NPL in May 1994

IAG Status: FFA signed in July 2006 Contaminants: Pesticides, herbicides, pentachlorophenol,

solvents, PCBs, VOCs, SVOCs, metals, PAHs,

TCE, PCE

Media Affected: Surface Water and Sediment

\$46.2 million **Funding to Date:** 

Est. CTC (Comp Year): \$ 9.7 million (FY2029)

IRP Sites (Final RIP/RC): 17 (FY2012) MMRP Sites (Final RIP/RC): None

Five-Year Review Status: Completed and planned IRP/MMRP Status Table:

Refer to page E-7-29

### Introduction

Since 1954, the U.S. Army Soldiers Systems Center (Soldiers Systems Center) has supported industrial, laboratory, and storage activities for research and development in food science and in aeromechanical, clothing, material, and equipment engineering. Contaminated site types include buildings, spill sites, storage areas, disposal pits, dry wells, and underground storage tanks. Operations used various volatile organic compounds (VOCs), including tetrachloroethylene (PCE), trichloroethylene (TCE), carbon disulfide, benzene, and chloroform. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. In FY06, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended the Soldiers Systems Center for realignment. In FY95, the installation established a Restoration Advisory Board to discuss cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report for the Natick Research, Development, and Engineering Center (NRDEC) 05 site in FY07.

Soldiers Systems Center has signed Records of Decision (RODs) selecting cleanup actions for Building T 25 and NRDECs 07, 10, and 17. The Building T 25 ROD contained a unique partnering cooperative agreement involving the Town of Natick, the Massachusetts Department of Environmental Protection, EPA, and the installation. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Soldiers Systems Center removed and disposed 4,395 cubic yards of polychlorinated biphenyl (PCB)-contaminated sediment off-site in accordance with the ROD. In addition, the installation installed two additional groundwater extraction wells to optimize containment.

Regulatory issues delayed completion of the groundwater ROD amendment.

# **FY10 MMRP Progress**

Soldiers Systems Center has identified no MMRP sites.

### Plan of Action

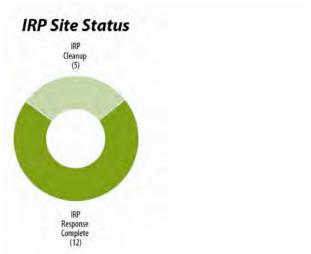
Plan of action items for U.S. Army Soldiers Systems Center are grouped below according to program category.

### **IRP**

- Complete groundwater ROD amendment in FY11.
- Obtain EPA approval of Construction Completion Report for the Sediment Operable Unit in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



F-184 Army

Umatilla Chemical Depot NPL/BRAC 1988

**FFID:** OR021382091700

**Location (Size):** Hermiston, Oregon (19,729 acres)

Mission: Store ammunition

HRS Score: 31.31; placed on NPL in July 1987 IAG Status: FFA signed in October 1989

**Contaminants:** UXO, pesticides, nitrates, explosives, heavy

metals, sVOCs, propellants

Media Affected: Groundwater and Soil

Funding to Date: \$ 56.3 million

Est. CTC (Comp Year): \$ 28.8 million (FY2015)

IRP Sites (Final RIP/RC): 117 (FY2012)
MMRP Sites (Final RIP/RC): 2 (FY2015)

Five-Year Review Status: Completed and planned

**IRP/MMRP Status Table:** Refer to page E-6-134

### Introduction

In 1941, the Army established Umatilla Ordnance Depot as a facility for storing conventional munitions. Between 1945 and 1955, the installation's functions expanded to include demolition, renovation, and maintenance of ammunition. In 1962, the Army began to store chemical munitions at the depot. Identified sites include explosives-washout lagoons, an open burning and open detonation area, pesticide disposal pits, a deactivation furnace, and landfills. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1987. DoD and EPA signed a federal facility agreement (FFA) in October 1989 to outline how they were going to proceed with cleanup. In December 1988, the BRAC Commission recommended realignment of the installation, and in 2005 recommended its closure. In FY93, Umatilla Ordnance Depot transferred its conventional weapons mission to another installation, and in FY94, the installation formed a BRAC cleanup team to develop a process for cleanup of sites. Also in FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. In FY98, the installation officially changed its name from Umatilla Ordnance Depot to Umatilla Chemical Depot (CD). To ensure continuous monitoring and improvement, Umatilla CD completed five-year review reports in FY99, FY04, and FY09.

To date, the installation has signed eight Records of Decision (RODs) and one decision document, selecting cleanup actions for 68 sites. In FY03, Umatilla CD conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

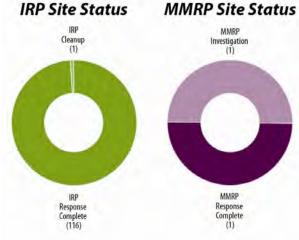
# **FY10 IRP Progress**

Umatilla CD completed the environmental conditions report of all transferable property. The cost of completing environmental restoration has changed significantly due to regulatory issues and changes in estimating criteria.

Technical issues delayed completion of the pulse pumping and development of a plan to enhance pump-and-treat facility operation. Regulatory issues delayed completion of the ROD and monitoring plan for the landfill (LF).

# **FY10 MMRP Progress**

Umatilla CD continued to support the local redevelopment authority in completion of the reuse plan for the Ammunition Demolition Area.



### **Plan of Action**

Plan of action items for Umatilla Chemical Depot are grouped below according to program category.

### **IRP**

- Complete the ROD and monitoring plan for the LF in FY11.
- Conduct a preliminary assessment at Building 608/614 in FY11.
- Complete ROD for selenium at the Closed Solid Waste LF in FY11.
- Complete pulse pumping and develop a plan to enhance pump-and-treat facility operation in FY11.
- Complete ROD amendment for and then begin bioremediation at the groundwater pump-and-treat facility in FY11-FY12.

### MMRP

- Complete a focused feasibility study to evaluate cleanup alternatives and continue to support the local redevelopment authority reuse plan for the Ammunition Demolition Area in FY11.
- Complete cleanup of unexploded ordnance at the Ammunition Demolition Area in FY11-FY12.

Vint Hill Farms Station BRAC 1993

**FFID:** VA321382093100

**Location (Size):** Vint Hill Farms, Virginia (696 acres)

Mission: Supported logistics for signal intelligence and

electronics warfare weapon systems and equipment; provide intelligence fusion material

capability

HRS Score: N/A

IAG Status: N/A

**Contaminants:** Metals, VOCs, petroleum hydrocarbons,

pesticides, PAHs, PCBs, asbestos, cyanide,

photographic wastes

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 12.1 million

Est. CTC (Comp Year): \$ 0.8 million (FY2010)

IRP Sites (Final RIP/RC): 37 (FY2007)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-8-63

### Introduction

During the 1940s and 1950s, Vint Hill Farms Station served as a training center for Signal Corps personnel and as a refitting station for signal units. The mission resulted in contaminated underground storage tanks, landfills, lagoons, storage areas, pit areas, fire training areas, disposal areas, and spill sites. Site type contamination includes asbestos-containing materials. lead-based paint areas, transformers containing polychlorinated biphenyls (PCBs), and petroleum and solvent contamination. In 1993, the BRAC Commission recommended closure of Vint Hill Farms Station. Vint Hill Farms Station closed in October 1997. The installation formed a Restoration Advisory Board (RAB) in FY95 to discuss the installation's cleanup progress with the community; the RAB adjourned in FY06. To ensure continuous monitoring and improvement, Vint Hill Farms Stations completed a five-year review reports for Sites 1, 39, and 42 in FY10.

Vint Hill Farms Station transferred the entire 696 acres by FY03. With the exception of Area Requiring Environmental Evaluation 34, which was discovered post-transfer, all environmental investigation and cleanup is complete. In FY03, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Vint Hill Farms Station completed a five-year review report for Sites 1, 39 and 42. This is the last narrative for this installation as cleanup is complete at all sites.

# **FY10 MMRP Progress**

Vint Hill Farms Station has identified no MMRP sites.

### **Plan of Action**

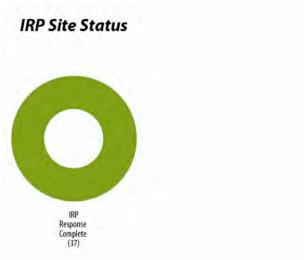
Plan of action items for Vint Hill Farms Station are grouped below according to program category.

### **IRP**

 Continue annual sampling and inspection of institutional controls in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** PA317002454500

**Location (Size):** Warminster Township, Pennsylvania (817 acres)

**Mission:** Perform research, development, testing, and

evaluation for naval aircraft systems and antisubmarine warfare systems; perform

associated software development

**HRS Score**: 57.93; placed on NPL in October 1989

IAG Status: FFA signed in September 1990

Contaminants: Heavy metals, firing range wastes, fuels, land sewage sludges, non-industrial solid wastes.

paints, PCBs, VOCs, SVOCs

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$ 27.5 million

Est. CTC (Comp Year): \$ 17.5 million (FY2042)

IRP Sites (Final RIP/RC): 10 (FY2006)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-137

### Introduction

Warminster Naval Air Warfare Center (NAWC) Aircraft Division performs research, development, testing, and evaluation for naval aircraft systems and antisubmarine warfare systems. Contaminated site types include waste burn pits, sludge disposal pits, landfills, waste pits, and a fire training area. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1989. DoD and EPA signed a federal facility agreement (FFA) in September 1990 to outline how they were going to proceed with cleanup. In July 1991 and July 1995, the BRAC Commission recommended Warminster NAWC for realignment and closure, respectively. The installation closed in March 1997. Formed in FY88, Warminster NAWC converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY94. The installation also completed a community relations plan and established an administrative record in FY94. To ensure continuous monitoring and improvement, Warminster NAWC completed five-year review reports in FY02 and in FY07.

To date, the installation has signed Records of Decision (RODs), which selected cleanup actions at Operable Unit (OU) 1, Area A, and Sites 6 and 7. In addition, the installation signed RODs requiring no further actions for Sites 4 (OU 6), 5, 8, and Areas B and D. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Warminster NAWC continued operations and maintenance (O&M) of the groundwater treatment system. In addition, the installation met the cleanup goal and stopped the pump-and-treat system at Area D.

# **FY10 MMRP Progress**

Warminster NAWC has identified no MMRP sites.

### **Plan of Action**

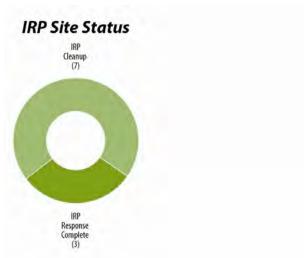
Plan of action items for Warminster Naval Air Warfare Center Aircraft Division are grouped below according to program category.

### **IRP**

- Continue O&M of groundwater treatment system in FY11-FY12.
- · Complete five-year review report in FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** DC317002431000

Location (Size): Washington, DC (63 acres)

**Mission:** Provide resources, including administrative

space, housing, training facilities, logistical support, and supplies, for Washington Navy Yard

tenants and other assigned units

HRS Score: 48.57; placed on NPL in July 1998

IAG Status: FFA signed in June 1999

**Contaminants:** Solvents, metals, VOCs, SVOCs, PCBs,

pesticides

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 35.4 million

Est. CTC (Comp Year): \$ 5.3 million (FY2017)

IRP Sites (Final RIP/RC): 31 (FY2013)

MMRP Sites (Final RIP/RC): 1 (FY2010)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

**IRP/MMRP Status Table:** Refer to page E-7-16

### Introduction

Washington Navy Yard (NY) provides resources, including administrative space, housing, training facilities, logistical support, and supplies, for the installation tenants and other assigned units. Investigations at the Washington NY initially identified 18 contaminated sites and 3 leaking underground storage tank sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in July 1998. DoD and EPA signed a federal facility agreement (FFA) in June 1999 to outline how they were going to proceed with cleanup. The installation updated the FFA with a RCRA consent order signed in July 1997. In 2005, the BRAC Commission recommended Washington NY for realignment. The installation developed a community relations plan in FY99.

To date, the installation has completed Records of Decision (RODs) selecting cleanup actions for Sites 1 through 5, 7, 9, 11, 13, 14, and 16. Washington NY has also signed two RODs requiring no further cleanup actions. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Washington NY completed the remedial investigation (RI) at Site Screening Area (SSA) 14 and the draft RI at Sites 22 and 23. The installation also completed field investigations at Operable Unit (OU) 2 and Sites 8 and 21.

Regulatory issues delayed the RI at SSA 12. Regulatory issues also delayed the feasibility study (FS) to evaluate cleanup alternatives at SSA 14.

# **FY10 MMRP Progress**

Washington NY completed the site inspection at the Experimental Battery site.

### **Plan of Action**

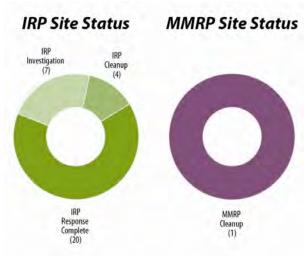
Plan of action items for Washington Navy Yard are grouped below according to program category.

### **IRP**

- Complete FS for SSA 14 in FY11.
- Complete draft RI report for OU 2 and Sites 8 and 21 in FY11.
- Complete remedial investigation for SSA 12 in FY11.
- Complete field investigations for vapor intrusion sites in FY11.
- Draft RI report and complete fieldwork for supplemental work plan for Site 6 in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** MO721372998500

**Location (Size):** MO (17,000 acres)

Mission: Provides mission essential base operation support services for stakeholders within the Northwest Region, supports the Army Reserve

operational force, and provides Command and Control for the bands and other units as directed.

**HRS Score:** 30.26; placed on NPL in February 1990

IAG Status: FFA signed in August 1990

Contaminants: VOCs, SVOCs

Media Affected: Soil

Funding to Date: \$ 1.3 million

Est. CTC (Comp Year): \$ 5.2 million (FY2040)

IRP Sites (Final RIP/RC): 2 (FY2013)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table: Refer to page E-7-32

### Introduction

The 88th Regional Support Command's (RSC) mission is to provide mission essential base operations support services for stakeholders within the Northwest Region, support the Army Reserve operational force, and provide Command and Control for the bands and other units as directed. The BRAC 2005 Commission recommended realignment of the 88th RSC to acquire Weldon Springs Training Area (WSTA). The contamination at the training area was a result of TNT and DNT production operations at the former Weldon Spring Ordnance Works (WSOW). The area is divided into two sites; WSTA 001 and WSTA 002. WSTA 001 consists of approximately 17,000 acres. The Army transferred approximately 205 acres of the original WSOW to the U.S. Atomic Energy Commission (now the Department of Energy) in 1955. WSTA 002 is approximately 7 acres in size and is located on the WSTA. The contaminants of concern at WSTA 001 are nitro-aromatic compounds. polyaromatic hydrocarbons (PAHs), polychlorinated biphenyl (PCBs) and lead. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. WSTA 001 is made up of two operable units (OUs). OU 1 is made up of contaminated soils and wooden pipelines, and OU 2 is the contaminated groundwater and surface water associated with the former WSOW. EPA, the Army, and the Missouri Department of Natural Resources signed a federal facility agreement (FFA) for WSTA 001 in August 1990, which was updated in August 1991 to outline how they were going to conduct cleanup. In 1997, the installation formed a Restoration Advisory Board (RAB) to discuss cleanup progress with the community, which adjourned in FY10. To ensure continuous monitoring and improvement, the installation completed a five-year review report for OU 1 in FY05, and a five-year review report for OU 1s and 2 in FY10.

The installation signed a Record of Decision (ROD) in September 1996, which selected cleanup actions for OU 1, with an explanation of significant differences to the ROD signed in 2004. The installation signed a ROD for OU 2 in September 2004.

# **FY10 IRP Progress**

The 88th RSC conducted annual monitoring and well sampling and completed a five-year review report for OU 2. The Kansas City District of the U.S. Army Corps of Engineers secured a contract to conduct a remedial investigation (RI) and feasibility study (FS) to evaluate cleanup alternatives at WSTA 002, and completed a draft final RI work plan.

The 88th RSC held a public meeting to discuss the draft five-year review report for OU 2, including strategies to streamline well monitoring for future sampling events, and proposed adjournment of the RAB.

# **FY10 MMRP Progress**

The installation has identified no sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP).

# **Plan of Action**

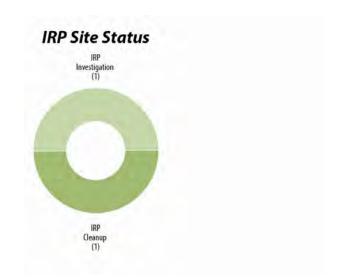
Plan of action items for Weldon Spring Training Area are grouped below according to program category.

### **IRP**

- Obtain regulatory approval of RI work plan for WSTA 002 in FY11-FY12.
- Conduct well monitoring and sampling at OU 2 in FY11-FY12.
- Conduct RI/FS at WSTA 002 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** WV39799F346100

**Location (Size):** Point Pleasant, West Virginia (2,704 acres)

Mission: Manufactured TNT

**HRS Score:** 35.72; placed on NPL in September 1983

IAG Status: IAGs signed in September 1987 and July 1989

Contaminants: TNT, DNT, organic compounds, VOCs, SVOCs,

metals, propellants, explosives, other

contaminants

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$80.1 million

Est. CTC (Comp Year): \$46.7 million (FY2022)

IRP Sites (Final RIP/RC): 44 (FY2015)

MMRP Sites (Final RIP/RC): 1 (FY2009)

**Five-Year Review Status:** Complete and planned **IRP/MMRP Status Table:** Refer to page E-6-179

### Introduction

From 1941 to 1946, West Virginia Ordnance Works manufactured TNT from toluene, nitric acid, and sulfuric acid. Principal contaminated sites include TNT manufacturing areas, wastewater sewer lines, and wastewater ponds known as the red and yellow water ponds. By-products of the manufacturing process included TNT, dinitrotoluene, and organic compounds, which migrated into groundwater, soil, surface water, and sediment. The potential risk to human health and the environment was significant enough for EPA to place West Virginia Ordnance Works on the NPL in September 1983. EPA partially delisted a 509-acre parcel from the NPL in FY03 and an additional 1,004 acres in FY04. DoD and EPA signed the first interagency agreement (IAG) in September 1987, and a second IAG in July 1989, to outline how they were going to proceed with cleanup. The U.S. Army Corps of Engineers (USACE) converted its technical review committee, that was formed in FY94 to communicate the installation's cleanup progress with the community, into a Restoration Advisory Board in FY98. To ensure continuous monitoring and improvement, USACE completed five-year review reports in FY95, FY00, and FY05.

The property is grouped into Operable Units (OUs) 1 through 5 and 7 through 13. OUs 7 OU 13 are under EPA management with no further cleanup action planned for the Army. To date, DoD and EPA have signed Records of Decision (RODs) which selected cleanup actions for OUs 1, 2, and 11. USACE and EPA determined that OUs 10 and 12 required no further cleanup action. The former OU 6 was changed to Environmental Unit 6. In FY03, USACE conducted an inventory of closed, transferred, and transferring ranges and sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

USACE prepared the fourth five-year review report and also continued operation and maintenance (O&M) of groundwater treatment systems at OU 2. USACE continued evaluating results of the treatability study (TS) at OU 4 and also began an enhanced natural cleanup process TS to evaluate different carbon sources to cleanup groundwater for OU 9 in the TNT Manufacturing area. USACE continued the long-term management (LTM) program. The cost of completing environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed the completion of the proposed plan (PP) and ROD for OUs 8 and 9, and the PP and ROD for OU 9 are delayed indefinitely while the installation evaluates the results of the TS. Regulatory and administrative issues delayed completion of the five-year review report.

# **FY10 MMRP Progress**

West Virginia Ordnance Works conducted no MMRP activities.

# IRP Investigation (2) IRP Cleanup (2) IRP Response Complete (40) IRP Response Complete (1)

### **Plan of Action**

Plan of action items for West Virginia Ordnance Works are grouped below according to program category.

### **IRP**

- Complete the PP and ROD for OU 8 in FY11.
- Complete the evaluation of TS results at OUs 4 and 9 in FY11-FY12.
- Continue the enhanced natural cleanup process TS for OU 9 in FY11-FY12.
- Continue LTM in FY11-FY12.
- Continue O&M of groundwater extraction and treatment systems in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

FUDS

**FFID:** WA017002336100

**Location (Size):** Oak Harbor, Washington (7,000 acres)

Mission: Serve as host to training and operations center

for two squadrons: Center for U.S. Marine Corps and Navy Reserve training in the Pacific

Northwest

**HRS Score:** 39.64 (Seaplane Base), placed on NPL in

February 1990,

delisted in 1995; 48.48 (Ault Field), placed on

NPL in February 1990

IAG Status: FFA signed in September 1990

PCBs, PAHs, chlorinated solvents, VOCs, SVOCs, metals

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 100.0 million

Est. CTC (Comp Year): \$ 38.1 million (FY2042)

IRP Sites (Final RIP/RC): 92 (FY2017)
MMRP Sites (Final RIP/RC): 4 (FY2020)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-177

### Introduction

Whidbey Island Naval Air Station (NAS) is a training and operations center for two squadrons: Center for U.S. Marine Corps, and Navy Reserve training in the Pacific Northwest. Whidbey Island NAS occupies four areas on Whidbey Island, Washington: Ault Field, Seaplane Base, Coupville Outlying Field, and Lake Hancock Target Range. Past disposal practices from aircraft maintenance, vehicle maintenance, public works shop activities, and fire training activities have contributed to contamination. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in September 1990 to outline how they were going to proceed with cleanup. EPA delisted the Seaplane Base from the NPL in 1995. In 2005, the BRAC Commission recommended Whidbey Island NAS for realignment. In FY94, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board. Whidbey Island NAS updated the community relations plan in FY96. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY98, FY05, and FY09.

To date, the installation has completed five Records of Decision (RODs), which selected cleanup actions for five sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP): MMRP sites were identified.

# **FY10 IRP Progress**

Contaminants:

Whidbey Island NAS maintained land use controls (LUCs), which restricted the use of or access to applicable areas. The installation evaluated the ROD for cleanup goals at selected compounds and for the addition of 1,4-dioxane. Whidbey Island NAS also continued operations and maintenance (O&M) of the groundwater extraction, treatment, and recharge at Operable Unit (OU) 1 (Area 6).

Technical issues delayed the installation of bioventing systems, which increases oxygen in the soil to stimulate microbial activity, to treat petroleum-contaminated soils.

# **FY10 MMRP Progress**

Whidbey Island NAS continued the site inspection, which determined the need for a focused feasibility study (FS) to evaluate cleanup alternatives at the former Lake Hancock Target Range.

# Plan of Action

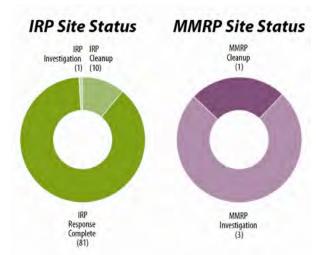
Plan of action items for Whidbey Island Naval Air Station Ault Field and Seaplane Base are grouped below according to program category.

### **IRP**

- Install the bioventing systems in FY11.
- Continue with O&M of the groundwater extraction, treatment, and recharge at OU 1, (Area 6) in FY11-FY12.
- Maintain LUCs at applicable areas in FY11-FY12.
- Continue to evaluate and assess the ROD for selected compounds and the addition of 1,4 dioxane in FY11-FY12.
- Conduct monitoring and inspection of the beach landfill at OU 5 (Area 1) in FY11-FY12.

### **MMRP**

 Complete a focused FS to address munitions debris at the former Lake Hancock Target Range in FY11-FY12.



**FFID:** MD317002344400

**Location (Size):** Silver Spring, Maryland (710 acres)

Mission: Research, develop, test, and evaluate ordnance

technology

HRS Score: N/A

IAG Status: N/A

**Contaminants:** Explosive compounds, waste oils, PCBs, heavy

metals, VOCs, SVOCs, propellants, radioactive

materials

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 39.6 million

Est. CTC (Comp Year): \$ 1.5 million (FY2021)

IRP Sites (Final RIP/RC): 38 (FY2006)

MMRP Sites (Final RIP/RC): None

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-7-28

### Introduction

White Oak Naval Surface Warfare Center (NSWC) researched, developed, tested, and evaluated ordnance technology. Past activities at the installation included landfill disposal of oils, polychlorinated biphenyls (PCBs), solvents, paint residue, and other chemicals (including mercury); disposal of chemical research wastewater in dry wells; burning of explosive ordnance; and composting of sludge. Records also indicate that a radium spill occurred. Contaminants of concern are volatile organic compounds (VOCs), PCBs, cadmium, chromium, lead, mercury, nickel, and ordnance compounds. In July 1995, the BRAC Commission recommended closure of White Oak NSWC. The facility closed in July 1997. White Oak NSWC formed a BRAC cleanup team in FY98 to develop a process for cleanup of sites. The BRAC cleanup team developed a cleanup plan with community input to prioritize sites requiring cleanup in FY96. White Oak NSWC updated the BRAC cleanup plan and community relations plan in FY02. Formed in FY89, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY96. In FY94, the installation established an administrative record, an information repository, and a community relations plan. To ensure continuous monitoring and improvement, White Oak NSWC completed a five-year review report in FY06.

To date, the installation has completed 12 Records of Decision, which selected cleanup actions for 12 sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no sites were identified.

# **FY10 IRP Progress**

White Oak NSWC continued operations of cleanup systems at Sites 4, 5/13, 7, 9, 11, 46, 49, and Solid Waste Management Unit (SWMU) 87 (Area of Concern [AOC] 2).

# **FY10 MMRP Progress**

White Oak NSWC has identified no MMRP sites.

### **Plan of Action**

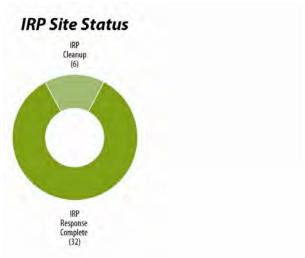
Plan of action items for White Oak Naval Surface Warfare Center are grouped below according to program category.

### **IRP**

- Continue long-term management activities at Sites 4, 5/13, 7, 9, 11, 46, 49, and SWMU 87 (AOC 2) in FY11-FY12.
- Complete land use controls, which restrict the use of and access to Sites 4, 13, 49, and SWMU 87 (AOC 2) in FY11-FY12.

# **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID**: FL417002324400

Location (Size): Milton, Florida (3,842 acres)

Mission: Train student naval aviators

HRS Score: 50.00; placed on NPL in May 1994

IAG Status: FFA signed in March 2009

**Contaminants:** Pesticides, PCBs, VOCs, heavy metals,

chlorinated hydrocarbons, SVOCs, radioactive

materials

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 40.8 million

Est. CTC (Comp Year): \$ 18.9 million (FY2050)

IRP Sites (Final RIP/RC): 46 (FY2011)

MMRP Sites (Final RIP/RC): 1 (FY2012)

**Five-Year Review Status:** Completed and planned **IRP/MMRP Status Table:** Refer to page E-6-54

### Introduction

Whiting Field Naval Air Station (NAS) trains student naval aviators, and has administrative responsibility for the Outlying Landing Field Barin, located in Alabama. Beginning in FY85, studies at this installation identified contaminated sites at Whiting Field NAS and the Outlying Landing Field Barin. Site types include disposal areas and pits, storage areas, spill areas, landfills, a disposal and burning area, a maintenance area, underground storage tanks, fuel pits, fire training areas, and drainage ditches. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in May 1994. DoD and EPA signed a federal facility agreement (FFA) in FY09 to outline how they are going to proceed with cleanup. Whiting Field NAS formed a technical review committee responsible for communicating cleanup progress with the community in FY90; formed a technical review committee for the Outlying Landing Field Barin in FY02; converted both technical review committees to Restoration Advisory Boards (RABs) in FY05; and adjourned the RABs in FY09. The installation completed the Outlying Landing Field Barin's community relations plan in FY93 and updated the community relations plan in FY03. To ensure continuous monitoring and improvement, the installation completed five-year review reports for Sites 1 and 2 in FY06.

Whiting Field NAS has closed 12 sites. The installation closed Sites 3, 5/5A, 8, 9, 12, 14, 36, and 37 with no action, and Sites 6, 29, 31, and 38 with no further cleanup actions. The installation determined that Sites 1, 2, 10, 11, 13, 15, 17, 18, 30, 32, 33, and 35 required land use controls, which restrict access to the sites. The installation also has closed ten sites at Outlying Land Field Barin. To date, the installation has signed 22 Records of Decision (RODs), which selected cleanup actions for 22 environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Whiting Field NAS continued cleanup at Sites 4 and 7.

Regulatory issues delayed cleanup and RODs at Sites 39 and 41 and the remedial investigation (RI) at Site 40.

# **FY10 MMRP Progress**

Whiting Field NAS completed the site inspection at the former Gunnery Area and Skeet Range.

### **Plan of Action**

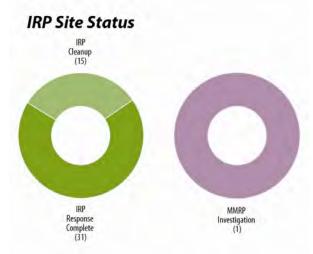
Plan of action items for Whiting Field Naval Air Station are grouped below according to program category.

### **IRP**

- Complete proposed plan and feasibility study to evaluate cleanup alternatives for Site 39 in FY11.
- · Complete RI at Site 40 in FY11.
- Complete ROD, design for cleanup, and cleanup actions at Sites 39 and 41 in FY11.

### **MMRP**

 Complete interim removal action at Unexploded Ordnance Site 1 in FY11.



Williams Air Force Base NPL/BRAC 1991

**FFID**: AZ957002858200

**Location (Size):** Mesa, Arizona (4,043 acres)

Mission: Supported pilot training and ground equipment

maintenance

**HRS Score**: 37.93; placed on NPL in November 1989

IAG Status: FFA signed in FY1990

Contaminants: VOCs, POLs, heavy metals, pesticides, UXO,

SVOCs

Media Affected: Groundwater and Soil

Funding to Date: \$ 75.5 million

Est. CTC (Comp Year): \$ 56.8 million (FY2061)

IRP Sites (Final RIP/RC): 33 (FY2011)
MMRP Sites (Final RIP/RC): 4 (FY2012)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-15

### Introduction

Williams Air Force Base (AFB) formerly supported pilot training and ground equipment maintenance. The installation has identified restoration sites, which include the liquid fuels storage area, fire protection training area (FPTA) 002, a collapsed stormwater line, spill sites (SS), landfills (LFs), storage tanks (STs), and an old pesticide and paint shop. The potential risk to human health and the environment was significant enough for EPA to place Williams AFB on the NPL in 1989. DoD and EPA signed a federal facility agreement (FFA) in FY90 to outline how they were going to proceed with cleanup. The 1991 BRAC Commission recommended closure of the installation, and the installation closed in September 1993. With community input, the installation updated the BRAC cleanup plan to prioritize sites requiring environmental restoration in FY97 and FY05.

Williams AFB consolidated restoration sites into three operable units (OUs). In FY93, the installation created two more OUs after an environmental assessment of 30 additional areas. EPA and Williams AFB agreed to create a sixth OU in FY97. To date, Williams AFB has signed Records of Decision (RODs) selecting cleanup actions for OUs 1 through 5. The installations has transferred approximately 3,888 acres. In FY04, Williams AFB conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); four MMRP sites were identified.

# **FY10 IRP Progress**

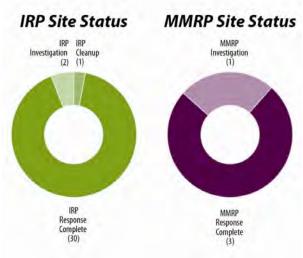
Williams AFB completed the thermal enhanced extraction pilot test study to evaluate this technology for cleanup of subsurface fuel contamination. In addition, Williams AFB completed the temporary treatment facility for overexcavated soil at OU 6 (SS 017). The ROD amendment for OU 3 (FPTA 002) and the feasibility study report to evaluate cleanup alternatives and ROD amendment for OU 1 (LF 004) were added into the pending award of the 2011 performance-based remediation contract.

Administrative issues delayed the ROD for OU 6.

The installation conducted a site tour for members of the BRAC Clean-up team Region 9 and the Arizona Department of Environmental Quality.

# **FY10 MMRP Progress**

Williams AFB identified two types of munitions and explosives of concern (MEC) during the investigation at Parcel N. A three-acre area where the MEC findings were concentrated requires additional investigation. As a result, the installation assigned a new site within Parcel N Debris Area, XU 403.



### **Plan of Action**

Plan of action items for Williams Air Force Base are grouped below according to program category.

### **IRP**

- Award performance based contract for all cleanup activities in FY11.
- Complete ROD for OU 6 (SS 017) in FY11.
- Begin interim action at ST 012 and integrate pump-and-treat groundwater containment system in FY11.
- Install off-site wells at LF 004 to determine extent of contaminated areas in FY11.
- · Complete five-year review report in FY11.

### **MMRP**

 Complete site inspection and clearance of MEC at the Parcel N Debris Area, XU 403 in FY12.

**FFID:** VA317002460500

Location (Size): Yorktown, Virginia (1,578 acres)

Mission: Supply Atlantic Fleet ships and provide

recreational opportunities to military and civilian

personnel

**HRS Score**: 48.72; placed on NPL in December 2000

IAG Status: FFA signed in March 2005

**Contaminants:** VOCs, explosives, propellants, PAHs, metals,

PCBs, SVOCs

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 12.2 million

Est. CTC (Comp Year): \$ 11.5 million (FY2025)

IRP Sites (Final RIP/RC): 17 (FY2017)
MMRP Sites (Final RIP/RC): 1 (FY2008)

Five-Year Review Status: This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table: Refer to page E-6-171

### Introduction

Williamsburg Fleet Industrial Supply Center (FISC) supplies Atlantic Fleet ships and provides recreational opportunities to military and civilian personnel. Contaminants at the installation include semivolatile organic compounds (SVOCs), polyaromatic hydrocarbons (PAHs), metals, and polychlorinated biphenyls (PCBs). These primarily affect groundwater, surface water, and sediment. The potential risk to human health and the environment from eight sites that are hydrologically connected to the Chesapeake Bay was significant enough for EPA to place Williamsburg FISC on the NPL in December 2000. DoD and EPA signed a federal facility agreement (FFA) in FY05 to outline how they were going to proceed with cleanup. The Naval Weapons Station Yorktown Restoration Advisory Board meets twice per year to discuss cleanup progress for Williamsburg FISC with the community.

To date, Williamsburg FISC has completed a Record of Decision (ROD) requiring no further action at Sites 1 and 11. In FY03, the installation completed a Decision Document (DD) requiring no further response actions for Sites 2, 3, 5, 6, 8, and 10. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Williamsburg FISC completed site inspections at Sites 4, 7, 9, area of concern (AOC) 3, and Penniman (AOCs). Williamsburg FISC also completed a proposed plan and ROD requiring no further cleanup actions at Site 11. The cost of completing environmental restoration has changed significantly due to technical issues.

# **FY10 MMRP Progress**

Williamsburg FISC conducted no MMRP activities.

# **Plan of Action**

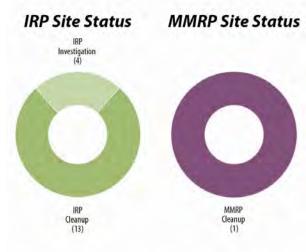
Plan of action items for Williamsburg FISC, Cheatham Annex are grouped below according to program category.

### **IRP**

- · Complete ROD for Site 7 in FY11.
- Compete remedial investigation at AOC 9 in FY11.
- · Complete DD in FY11.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID**: PA357122534900

Location (Size): Willow Grove, Pennsylvania (210 acres)

**Mission:** Train personnel for air transport and air

evacuation activities

**HRS Score:** 50.00; placed on NPL in September 1995

IAG Status: None

**Contaminants:** SVOCs, chlorinated solvents, jet fuel, VOCs,

metals

Media Affected: Surface Water, Sediment, Soil, Groundwater

Funding to Date: \$ 8.5 million

Est. CTC (Comp Year): \$ 1.1 million (FY2013)

IRP Sites (Final RIP/RC): 7 (FY2007)
MMRP Sites (Final RIP/RC): None

Five-Year Review Status: This installation is not required to complete a

five-year review report.

IRP/MMRP Status Table: Refer to page E-7-45

### Introduction

The primary mission of the 913th Airlift Wing at the Willow Grove Air Reserve Station (ARS) was to train personnel for various air transport and air evacuation activities, to operate base facilities and air terminals, and to provide support to assigned units. Willow Grove ARS is owned by the Air Force Reserve Command and is co-located with the Navy-owned Naval Air Station Joint Reserve Base (NAS JRB) Willow Grove. Although NAS JRB Willow Grove is scheduled to close in 2011, Willow Grove ARS was not included as part of the closure of the NAS JRB. Industrial activities at Willow Grove ARS include aircraft maintenance, base civil engineering, and fuel storage. Base civil engineering operations involve generation of waste solvents, oils, miscellaneous chemicals, and paints from various shops, including a paint shop, plumbing shop, photography lab, carpentry shop, and several flammable-material storage facilities. Fuel storage operations include the bulk storage of jet fuel. The potential risk to human health and the environment was significant enough for DoD and EPA to jointly place the installation and the adjacent Willow Grove Naval Air Station on the NPL in September 1995. The installation formed a joint Restoration Advisory Board with the Navy in August 1994 to discuss the installation's cleanup progress with the community.

Willow Grove ARS conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP) in FY05; no MMRP sites were identified.

# **FY10 IRP Progress**

Willow Grove ARS completed removal of the contaminated soils at Site 01. The installation also completed a pilot study on the contaminated soils and implemented recommendations for Site 01. In addition, Willow Grove ARS performed operations and maintenance (O&M) on the cleanup system, quarterly compliance monitoring, and installed the air manifold and relocated the cleanup system at Site 01.

# **FY10 MMRP Progress**

Willow Grove ARS has identified no MMRP sites.

### Plan of Action

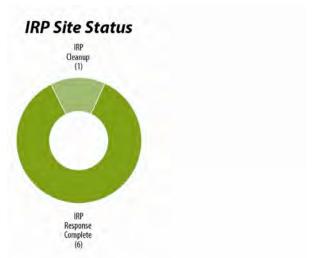
Plan of action items for Willow Grove Air Reserve Station are grouped below according to program category.

### IRP

- Continue O&M on the cleanup system and conduct quarterly compliance monitoring at Site 01 in FY11.
- Submit the final report to Pennsylvania Department of Environmental Protection in FY11.
- Continue performance monitoring and sampling in FY11.
- Remove cleanup system and close wells and site in FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** PA317002231200

**Location (Size):** Willow Grove, Pennsylvania (1,090 acres)

Serve as Reserve naval air station for aviation

training activities

**HRS Score:** 50.00; placed on NPL in September 1995

IAG Status: FFA signed in 2005

Contaminants: Heavy metals, PCBs, POLs, solvents, VOCs,

SVOCs, explosives, propellants, radioactive

materials

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 12.2 million

Est. CTC (Comp Year): \$ 17.5 million (FY2028)

IRP Sites (Final RIP/RC): 14 (FY2015)

MMRP Sites (Final RIP/RC): None
Five-Year Review Status: Planned

**IRP/MMRP Status Table:** Refer to page E-6-138

### Introduction

Mission:

Willow Grove Naval Air Station (NAS) Joint Reserve Base serves as a reserve NAS for aviation training activities. Contaminated site types include landfills, underground storage tanks, and a fire training area. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in September 1995. In FY05, DoD and EPA signed a federal facility agreement (FFA) to outline how they were going to proceed with cleanup. The 2005 BRAC Commission recommended closure of Willow Grove NAS Joint Reserve Base. Formed in FY90, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board (RAB) in FY95; the RAB meets regularly. Willow Grove NAS Joint Reserve Base established an administrative record and information repository in FY91, and a community relations plan was developed in FY97.

To date, the installation has signed a Record of Decision (ROD) requiring no further cleanup actions for Sites 1 (Soils) and 2. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); no MMRP sites were identified.

# **FY10 IRP Progress**

Willow Grove NAS Joint Reserve Base completed the implementation plan for land use controls for Site 1, which restrict the use of or access to the site. Willow Grove NAS Joint Reserve Base also signed the ROD requiring no further cleanup actions for Site 2. In addition, the installation completed a Phase I remedial investigation (RI) for Site 12. The cost of completing environmental restoration has changed significantly due to technical issues and changes in estimating criteria.

Technical issues delayed the groundwater pilot study and proposed plan (PP) for Site 5.

# **FY10 MMRP Progress**

Willow Grove NAS has identified no MMRP sites.

### **Plan of Action**

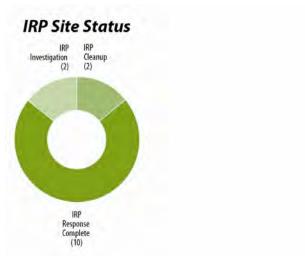
Plan of action items for Willow Grove Naval Air Station Joint Reserve Base are grouped below according to program category.

### **IRP**

- Complete the PP and groundwater pilot study for Site 5 in FY11.
- Complete the RI, Feasibility Study (FS) to evaluate cleanup alternatives and PP for Site 3 in FY11-FY12.
- · Complete Phase II RI at Site 12 in FY11-F12.
- Prepare the ROD for Site 5 in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.



**FFID:** OH557172431200

**Location (Size):** Dayton, Ohio (8,145 acres)

**Mission:** Serve as host to many organizations, including

headquarters Air Force Materiel Command

**HRS Score:** 57.85; placed on NPL in October 1989

IAG Status: FFA signed in March 1991

**Contaminants:** Acids, plating wastes, VOCs, waste oils and

fuels, SVOCs, solvents, TCE

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 198.7 million

Est. CTC (Comp Year): \$ 35.7 million (FY2028)

IRP Sites (Final RIP/RC): 73 (FY2011)
MMRP Sites (Final RIP/RC): 1 (FY2003)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-129

### Introduction

Wright-Patterson Air Force Base (AFB) serves as host to many organizations, including headquarters Air Force Materiel Command. Past activities at Wright-Patterson AFB created spill sites (SSs) and unlined waste disposal areas, including landfills (LFs), fire training areas, underground storage tanks, earth fill disposal areas, and coal storage areas. Soil and groundwater are contaminated with volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), trichloroethylene (TCE), benzene, toluene, ethyl benzene, xylene compounds, and fuel and its combustion by-products. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1989. DoD and EPA signed a federal facility agreement (FFA) in March 1991 to outline how they were going to proceed with cleanup. To ensure continuous monitoring and improvement, the installation completed five-year review reports in FY00 and FY06.

To date, the installation has identified 66 sites and 4 areas of concern (AOCs). Wright-Patterson AFB has signed Records of Decision (RODs) to select cleanup actions at LFs 8 and 10 (Operable Unit [OU] 1) and SSs 2, 3, and 10 (OU 2). Additionally, the installation signed RODs requiring no further cleanup actions at 41 sites (38 sites, 2 AOCs, and an explosive ordnance disposal range) and 21 soil sites. In FY97, the installation signed the ROD for the Groundwater OU. After signing the RODs, the installation discovered contamination at two AOCs (Buildings 25 and 79/95) and two sites (Buildings 58 and 59). In FY05, the installation conducted an inventory of sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); one MMRP site was identified.

# **FY10 IRP Progress**

Wright-Patterson AFB continued operation and maintenance (O&M) at LFs and long-term management (LTM) of groundwater, and continued ROD optimization for OU2. The installation completed a draft five-year review report, and submitted it to agencies for review. Wright-Patterson AFB also submitted a draft groundwater treatment system optimization report to the regulatory agencies. The cost of completing

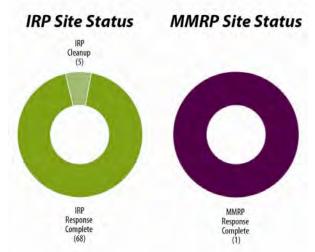
environmental restoration has changed significantly due to changes in estimating criteria.

Regulatory issues delayed compilation of documentation for partial delisting of soils from the NPL. Technical and regulatory issues delayed the cleanup action, proposed plan (PP), and a ROD to select cleanup actions at Building 55.

# **FY10 MMRP Progress**

Wright-Patterson AFB completed an evaluation of potential environmental hazards and submitted the draft final evaluation for regulatory review.

Technical issues delayed completion of review and coordination of a preliminary assessment (PA), and review and coordination and completion of the site inspection (SI) work plan.



### Plan of Action

Plan of action items for Wright-Patterson Air Force Base are grouped below according to program category.

### IRP

- Complete PP, cleanup actions, and ROD for Buildings 25, 55, 59, and 79/95 in FY11.
- Continue O&M at LFs and LTM of the groundwater in FY11.
- Continue groundwater treatment system optimization in FY11.
- Begin basewide Conceptual Site Models for OUs, and long-term monitoring well abandonment in FY11.
- Complete a land use control document, which will restrict use of and access to sites in FY11.
- Finalize five-year review report in FY11.
- Compile documentation for partial delisting of soils from the NPL and submit to regulators in FY11.

#### MMRP

- Complete review and coordination of a PA in FY11.
- Complete SI workplan in FY11.
- Complete final evaluation of potential environmental hazards in FY11-FY12.

**FFID**: MI557002427800

**Location (Size):** Oscoda, Michigan (4,627 acres)

**Mission:** Supported fighter, bomber, and cargo aircraft

operations

HRS Score: 50.00; placed on NPL in January 1994

IAG Status: N/A

**Contaminants:** Spent solvents, UXO, VOCs, SVOCs, metals,

POLs

Media Affected: Groundwater, Surface Water, Soil

Funding to Date: \$ 70.3 million

Est. CTC (Comp Year): \$ 13.5 million (FY2047)

IRP Sites (Final RIP/RC): 62 (FY2013)
MMRP Sites (Final RIP/RC): 10 (FY2011)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-96

### Introduction

Prior to its closure, the mission of Wurtsmith Air Force Base (AFB) was to conduct tactical fighter and bomber training. Sites at the installation include a waste solvent underground storage tank, bulk storage areas for petroleum/oil/lubricants (POLs), aboveground storage tanks, fire training areas, landfills (LFs), and an aircraft crash site. Volatile organic compounds (VOCs) at the installation include trichloroethylene (TCE), dichloroethene, vinyl chloride, benzene, toluene, ethyl benzene, and xylenes, all of which primarily affect groundwater. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in January 1994. The 1991 BRAC Commission recommended closure of Wurtsmith AFB and the installation closed in June 1993. The BRAC cleanup team developed a BRAC cleanup plan with community input to prioritize sites requiring environmental restoration. The installation formed a Restoration Advisory Board in FY94 to discuss its cleanup progress with the community. To ensure continuous monitoring and improvement, the installation completed a five-year review report in FY04.

In FY04, the installation conducted an inventory of sites suspected to contain contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# FY10 IRP Progress

Wurtsmith AFB drafted a decision document (DD) for LFs 030 and 031 to select cleanup actions in coordination with the BRAC cleanup team. The installation also began the investigation at LF 027 and awarded a contract to complete an explanation of significant differences for the Record of Decision at OT 024.

Administrative issues delayed the DD and feasibility study (FS) to evaulate cleanup alternatives at Spill Site (SS) 072. Technical issues delayed the DD for the Fire Pit Training Area (FPTA) 002; interview action continued. Administrative issues also delayed the completion of the five-year review report; interviews and research were conducted.

# **FY10 MMRP Progress**

Wurstmith AFB conducted hazard recognition training. The installation began closeout documentation reviews for four sites.

### **Plan of Action**

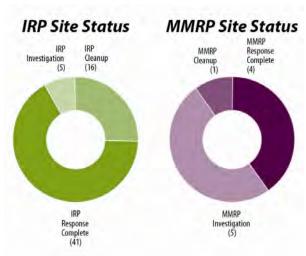
Plan of action items for Wurtsmith Air Force Base are grouped below according to program category.

### **IRP**

- Complete DD and construction of cleanup system at LFs 030 and 031 in FY11.
- Complete five-year review report in FY11.
- Complete DD and FS to Install cleanup system at SS 072 in FY11.
- Conduct remedial investigation at LF 027 in FY11.
- Complete DD for FPTA 002 in FY11.

### **MMRP**

 Complete closeout documentation for remaining sites in FY11 and FY12.



**FFID:** VA317002417000

Location (Size): Yorktown, Virginia (10,624 acres)

**Mission:** Provide technical support and maintenance,

modifications, production, loading, off-loading,

and storage for Atlantic Fleet

**HRS Score**: 50.00; placed on NPL in October 1992

IAG Status: FFA signed in August 1994

**Contaminants:** Acids, asbestos, explosives, cadmium, zinc, lead,

mercury, PAHs, VOCs, paint thinners, solvents,

PCBs, waste oils, nickel, varnishes, SVOCs,

metals, propellants, explosives

Media Affected: Groundwater, Surface Water, Sediment, Soil

Funding to Date: \$ 59.1 million

Est. CTC (Comp Year): \$ 25.4 million (FY2050)

IRP Sites (Final RIP/RC): 49 (FY2015)
MMRP Sites (Final RIP/RC): 2 (FY2017)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-172

### Introduction

Yorktown Naval Weapons Station (NWS) provides ordnance technical support and related services to the Atlantic Fleet. Six contaminated sites are hydrologically connected to the Chesapeake Bay. Contaminants include explosive nitramine compounds and volatile organic compounds (VOCs) that affect groundwater, surface water, and sediment. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in October 1992. DoD and EPA signed a federal facility agreement (FFA) in September 1994 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Yorktown NWS for realignment. Formed in FY91, the installation converted its technical review committee responsible for communicating cleanup progress with the community into a Restoration Advisory Board in FY95. In FY02, the installation updated the community relations plan. To ensure continuous monitoring and improvement, Yorktown NWS completed five-year review reports in FY02 and FY08.

To date, Yorktown NWS has completed 16 Records of Decision (RODs), which selected cleanup actions for environmental restoration sites. In FY02, the installation conducted an inventory of all sites suspected to contain munitions contamination for the Military Munitions Response Program (MMRP); MMRP sites were identified.

# **FY10 IRP Progress**

Yorktown NWS completed the Phase II remedial investigation (RI) at Operable Unit 1; RODs for Sites 11, 17, 29, and 30; and a removal action at Site 32 (Supply Support Area 25).

Regulatory issues delayed completion of the RI at Site 31.

# **FY10 MMRP Progress**

Yorktown NWS completed site inspection (SI) fieldwork, including a geophysical survey, at Turkey Road Landfill (LF).

### **Plan of Action**

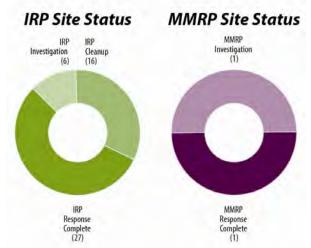
Plan of action items for Yorktown Naval Weapons Station are grouped below according to program category.

### **IRP**

- Complete RIs at Sites 1, 3, 6, 24, and 31 in FY11
- Complete RODs for Sites 4, 21, 22, and 32 in FY11-FY12.
- Complete feasibility study to evaluate cleanup alternatives at Site 22 in FY11-FY12.

### **MMRP**

· Complete SI at Turkey Road LF in FY11-FY12.



**FFID:** AZ917302449300

**Location (Size):** Yuma, Arizona (4,741 acres)

**Mission:** Support tactical aircrew combat training for

Pacific and Atlantic Fleet Marine Corps Forces

**HRS Score:** 32.24; placed on NPL in February 1990

IAG Status: FFA signed in January 1992

**Contaminants:** Petroleum hydrocarbons, SVOCs, VOCs, metals,

explosives, propellants

Media Affected: Groundwater and Soil

Funding to Date: \$51.6 million

Est. CTC (Comp Year): \$ 20.7 million (FY2019)

IRP Sites (Final RIP/RC): 25 (FY2001)
MMRP Sites (Final RIP/RC): 7 (FY2019)

Five-Year Review Status: Completed and planned IRP/MMRP Status Table: Refer to page E-6-14

### Introduction

The Yuma Marine Corps Air Station (MCAS) supports tactical aircrew combat training for Pacific and Atlantic Fleet Marine Corps Forces. Initial investigations conducted at the installation identified 20 CERCLA sites and 5 underground storage tank (UST) sites. Site types include landfills, sewage lagoons, liquid waste disposal areas, and ordnance and low-level radioactive material disposal sites. The potential risk to human health and the environment was significant enough for EPA to place the installation on the NPL in February 1990. DoD and EPA signed a federal facility agreement (FFA) in January 1992 to outline how they were going to proceed with cleanup. In 2005, the BRAC Commission recommended Yuma MCAS for realignment. To ensure continuous monitoring and improvement, the installation completed a five-year review report for Operable Unit (OU) 2 in FY03 and updated it in FY04. The installation also completed five-year review reports for OU 1in FY04 and installation-wide in FY10.

To date, the installation signed two Records of Decision (RODs) which selected cleanup actions fo for 25 Installation Restoration Program (IRP) sites. The installation required no further construction of cleanup systems at 3 of 18 soil IRP sites. The remaining 15 sites, and 5 UST IRP sites have closed.

# **FY10 IRP Progress**

Yuma MCAS completed the five-year review report. The installation also completed groundwater monitoring and implementation of land use controls at the three remaining sites, which restrict use of and access to the sites, as required by the ROD. The cost of completing environmental restoration has changed significantly due to technical issues.

# **FY10 MMRP Progress**

Yuma MCAS identified sites that require no further cleanup action and characterized sites within the site inspection report.

# **Plan of Action**

Plan of action items for Yuma Marine Corps Air Station are grouped below according to program category.

### **IRP**

- Complete the well abandonment report for the Leading Edge of a contaminated area in FY11.
- Submit a request for closure of OU 1 in FY11.
- Operate groundwater treatment system and perform groundwater monitoring in FY11-FY12.
- Perform investigations as recommended in the five-year review report to ensure long-term protectiveness of remedies in FY11-FY12.

### **MMRP**

There are no MMRP actions scheduled for FY11 or FY12.

